

# Intel Corp.

## Manufacturing Narrative Continues To Improve, But Remains Neutral

### Summary

Results and guidance were solidly better than pre-call investor bogeys (though in-line w/ UBSe) and especially strong considering that INTC has fairly consistently been at the high-end of the range over the past 6-8Qs. Additionally, there is also a nice "glide path" into CQ4 as management is pointing to more significant improvement in supply/server CPU allocation toward the end of CQ3. Most importantly, INTC is now committing to high volume mfg for 14A in 2028 which implies it must finally have some sort of firm commitment from a customer interest group including (we think) AAPL, Google, or maybe now SPCX. This direction of travel in the mfg narrative is very consistent w/our view over the past year - [here](#), [here](#), [here](#), [here](#), [here](#) - but the product business has been our concern. We did not hear much to sway our view in this regard, but AI is creating such large opportunities in several markets where INTC has a presence (server CPU, custom silicon, advanced packaging, wafer foundry) that it might not take much share to drive a lot of revenue growth. In terms of the stock, the "story" will, we think, continue to improve and foundry deals will be announced and this alone is probably enough to keep an upside bias for the stock. But even if we consider a \$150B revenue scenario for 2030 (~\$60B server, ~\$40B client, ~\$40B advanced packaging + foundry, ~\$10B ASIC), this is ~\$6-\$7 in EPS - not enough to get us overly excited at this price given how fast these markets are moving and the financing risk/potential shareholder dilution to fund the capex for all of this. Net, we increase C2027/2028 EPS to \$2.17/\$2.82 but our PT stays at \$121 and we maintain a Neutral rating.

### Analysis/Key Highlights

- **Results:** Revenue of \$16.1B was well above the \$14.8B top of guidance and UBSe/Street of \$15.3B/\$14.4B, on the back of CCG and DCAI both ~4-5% ahead of our expectations with management citing supply as the main source of upside due to more wafer outs and cycle time improvements. Gross margin beat by 80bps - while OpM 260bps better than our expectations - resulting in EPS of \$0.42 better than UBSe/Street \$0.33/\$0.22.
- **Guidance:** FQ3 (Sept) revenue guided to \$16.3B midpt - spot in-line w/our model but nicely ahead of most pre-call investor bogeys we heard in the ~\$15.9-16B range. Gross margin was guided about flat Q/Q - which actually appears to be down net of an unquantified inventory charge in CQ2 as INTC chose to strand some inventory that was mis-matched to demand. Guidance implies the Y/Y drop through falls back to the low 50% range - consistent with the company's rubric of 40-60% drop-through, but we would also note that INTC has been toward the high-end (or above) revenue guidance consistently the past 8Qs and the company usually beats significantly on gross margin so we would not read a whole lot into the margin guidance. Based on the guidance, gross margin ex depreciation

### Equities

United States  
Semiconductors

12-month rating **Neutral**

12m price target **US\$121.00**

Price (23 Jul 2026) **US\$104.61**

RIC: INTC.O BBG: INTC US

### Trading data and key metrics

|                             |                  |
|-----------------------------|------------------|
| 52-wk range                 | US\$140.94-19.31 |
| Market cap.                 | US\$532b         |
| Shares o/s                  | 5,083m (COM)     |
| Free float                  | 100%             |
| Avg. daily volume ('000)    | 131,741          |
| Avg. daily value (m)        | US\$14,808.4     |
| Common s/h equity (12/26E)  | US\$90.2b        |
| P/BV (12/26E)               | 5.7x             |
| Net debt to EBITDA (12/26E) | 0.8x             |

### EPS (UBS, diluted) (USD)

|        | 12/26E |      |      |       |
|--------|--------|------|------|-------|
|        | From   | To   | % ch | Cons. |
| Q1     | 0.29   | 0.29 | 0    | 0.29  |
| Q2E    | 0.33   | 0.43 | 29   | 0.21  |
| Q3E    | 0.37   | 0.39 | 5    | 0.27  |
| Q4E    | 0.42   | 0.45 | 8    | 0.31  |
| 12/26E | 1.42   | 1.56 | 10   | 1.10  |
| 12/27E | 1.94   | 2.17 | 12   | 1.60  |
| 12/28E | 2.50   | 2.82 | 13   | 2.57  |

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| Highlights (US\$m)        | 12/23    | 12/24    | 12/25   | 12/26E   | 12/27E   | 12/28E   | 12/29E  | 12/30E  |
|---------------------------|----------|----------|---------|----------|----------|----------|---------|---------|
| Revenues                  | 54,228   | 53,101   | 52,853  | 64,448   | 75,192   | 87,382   | 107,761 | 132,499 |
| EBIT (UBS)                | 4,666    | (254)    | 2,916   | 10,030   | 14,355   | 18,700   | 25,875  | 36,926  |
| Net earnings (UBS)        | 4,420    | (566)    | 1,929   | 7,993    | 11,283   | 14,933   | 20,757  | 29,842  |
| EPS (UBS, diluted) (US\$) | 1.05     | (0.13)   | 0.42    | 1.56     | 2.17     | 2.82     | 3.84    | 5.41    |
| DPS (net) (US\$)          | 0.74     | 0.37     | 0.00    | 0.00     | 0.00     | 0.00     | 0.00    | 0.00    |
| Net (debt) / cash         | (24,232) | (27,949) | (9,169) | (18,526) | (21,269) | (14,343) | (1,513) | 26,719  |
| Profitability/valuation   | 12/23    | 12/24    | 12/25   | 12/26E   | 12/27E   | 12/28E   | 12/29E  | 12/30E  |
| EBIT (UBS) margin %       | 8.6      | (0.5)    | 5.5     | 15.6     | 19.1     | 21.4     | 24.0    | 27.9    |
| ROIC (EBIT) %             | 3.9      | (0.2)    | 2.3     | 8.1      | 11.4     | 13.8     | 18.4    | 25.7    |
| EV/EBITDA (UBS core) x    | 11.1     | 13.6     | 9.6     | 23.6     | 19.2     | 15.9     | 12.0    | 9.3     |
| P/E (UBS, diluted) x      | 32.2     | NM       | 62.1    | 64.1     | 46.1     | 35.5     | 26.1    | 18.5    |
| Equity FCF (UBS) yield %  | (10.1)   | (11.8)   | (4.2)   | 0.8      | (0.5)    | 1.5      | 2.7     | 5.8     |
| Dividend yield (net) %    | 2.2      | 1.2      | 0.0     | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     |

Source: Company accounts, LSEG Eikon, UBS estimates. Metrics marked as (UBS) have had analyst adjustments applied. Valuations: based on an average share price that year, (E): based on a share price of US\$ 96.57 on 24-Jul-2026 12:34:24 EDT

continues to hover in the 60% range and the main headwinds to margins continue to be Panther Lake and Granite Rapids - where demand is better than expected, but margins on these products remain below corporate averages. Notably, the company suggested that supply will start to inflect more materially toward the end of CQ3 which implies a big step up in revenue for CQ4. INTC did not quantify how much it is still under-shipping demand, but last call it suggesting something >\$1B/Q and is now saying that even exiting this year it will still not have caught up to demand.

- **Data Center:** DCAI revs grew (+24% Q/Q, +59% Y/Y to \$6.3B with broad-based demand and management highlighted additional strategic customer wins and long-term agreements during the quarter that increased confidence in future growth. Similarly to peers, INTC noted a rising CPU-to-GPU ratio that is now approaching parity and expects the ratio to ultimately skew further toward CPUs as inference and agentic AI workloads proliferate with that, INTC sees strong double-digit industry unit growth through at least 2028. INTC suggested supply remains a key bottleneck in SepQ, but our model assumes fabs deliver ahead of guide (as we observed in JunQ). We also note that INTC is making progress in Custom ASIC business where revs now reached ~\$2B run rate or 8% of DCAI revs (vs \$1B run rate in 4Q25) and INTC expects the number to increase to \$4B+ run rate in the not-too-distant future. INTC framed the ASIC opportunity as a \$100B+ TAM where it thinks it has a shot at a meaningful share given its CPU IP, design-services capability, packaging assets and foundry footprint.
- **Client:** JunQ results were considerably better than expected, with management attributing the upside primarily to ASP strength driven largely by mix and also by pricing actions, as inflation-related cost increases were passed through more effectively than anticipated. Panther Lake continues to ramp well and remains one of the fastest-growing parts of the portfolio, although management reiterated that the product remains dilutive to corporate gross margin given its early lifecycle stage. The company noted that 18A is now at full scale, supporting 400+ Core Series 3 designs across consumer and commercial PCs. INTC cautioned for 2H26 expectations suggesting it expects sub seasonal PC market growth in 2H26 and full year market decline of low-double-digit percentage, amid memory inflation and supply constraints. Consistent with that, the callback emphasized that customer inventory remains lean and demand for newer Panther Lake and Arrow Lake products is healthy, but overall client demand is likely softer in 2H, as with Intel increasingly reallocating capacity toward the much higher-demand server business.
- **Foundry:** The most important development this quarter, in our view, was Intel's decision to fully commit 14A to high-volume manufacturing (and first external revenues) in 2028 and further ramp into 29/30. INTC now expects 0.9 PDK in October (key milestone for fabless customers as yield extrapolation becomes more linear after that point). JunQ external foundry revs came in at \$293MM (up \$93MM Q/Q) which we think reflects some early progress in advanced packaging. INTC also highlighted growing EMIB-T backlog as it views the technology and readiness as a differentiator. Our own checks suggest MediaTek may be among potential EMIB-T customers for its v9-gen TPU chip.
- **Capex and FCF:** Gross capex of ~\$2.5B was quite a bit below our estimate, but the company raised its full year estimate to ~\$20B from prior ~\$17B and indicated that 2027 capex would be up "significantly" (which we take to mean something possibly in the \$30B range). The company is now committing to moving 14A into high volume production in 2028, though we note this probably means that a material increase in revenue from either foundry wafers or internal products made on 14A will still not be until some time in 2029 - very consistent with our expectations. When queried, the company would not say whether it had customer commitments or prepayments to help fund the capex, but given its messaging on 14A since the start of the year, this would appear likely. We continue to believe the main 14A interest is from AAPL (compute processor), gaming console, and perhaps Google (though we believe this is mostly EMIB related). On FCF, the company was non-committal on this being positive in 2027 given the big step up in the business and we do note there are other financing options available including CHIPS grants, non-core assets and investments that could be divested, and potentially tapping the public markets (which INTC cited as a possibility).

## Read Across

- **Positive for AMD:** Strong DCAI unit revenue growth consistent with AMD's own commentary adding confidence for near-term outlook.
- **Positive for Semicaps/KLAC:** INTC's capex increase to >\$20B in C26 and "significantly" up in C27 reads positively for SPE. Also, INTC committing to 14A HVM in C28 further support for WFE spend.

**Valuation: PT 121 (unchanged)**

We maintain our \$121 PT based on an SOTP framework, valuing Intel's product and foundry businesses separately. For Products, we assume a normalized 26% EBIT margin and apply a 31x EV/EBIT multiple, adjusted for non-controlling interests. For Foundry, we use an EV/k-wpm approach, assigning \$11/share (down from \$25) and applying a ~25% discount to TSMC to reflect technology, yield, utilization, and customer adoption risks.

**Results:** INTC reported Revenue/Non-GAAP EPS of \$16.13B/\$0.42 vs. UBS pre-call estimates of \$15.33B/\$0.33.

**Figure 1: FQ2:26 results**

| Key Metrics                      | Reported Quarter: Q2:26 |              |                 |               |                  |
|----------------------------------|-------------------------|--------------|-----------------|---------------|------------------|
|                                  | Actual                  | UBS Estimate | Street Estimate | Actual vs UBS | Actual vs Street |
| <b>Revenue (\$MM)</b>            | \$16,128                | \$15,331     | \$14,435        | 5.2%          | 11.7%            |
| Y/Y Growth                       | 25.4%                   | 19.2%        | 12.3%           |               |                  |
| Guidance                         | \$13.8-14.8B            |              |                 |               |                  |
| <b>Gross Margin</b>              | 41.8%                   | 41.0%        | 39.7%           | 0.8%          | 2.1%             |
| Guidance                         | 39.0%                   |              |                 |               |                  |
| <b>Operating Margin</b>          | 17.2%                   | 14.6%        | 11.1%           | 2.5%          | 6.1%             |
| <b>Non-GAAP EPS</b>              | \$0.42                  | \$0.33       | \$0.22          | 25.8%         | 90.9%            |
| Guidance                         | \$0.20                  |              |                 |               |                  |
| <b>FCF</b>                       | \$7,169                 | \$6,069      | \$1,327         | 18.1%         | 440.2%           |
| <b>Gross Capex</b>               | \$2,479                 | \$4,600      | \$3,756         | -46.1%        | -34.0%           |
| <b>Segment Revenues (\$MM)</b>   |                         |              |                 |               |                  |
| <b>Intel Products</b>            | \$15,139                | \$14,515     | \$13,560        | 4.3%          | 11.6%            |
| Y/Y Growth                       | 28.2%                   | 22.9%        | 14.8%           |               |                  |
| <b>Client Computing (CCPG)</b>   | \$8,877                 | \$8,499      | \$8,005         | 4.5%          | 10.9%            |
| Y/Y Growth                       | 12.8%                   | 8.0%         | 1.7%            |               |                  |
| <b>Datacenter and AI (DCAI)</b>  | \$6,262                 | \$6,016      | \$5,429         | 4.1%          | 15.3%            |
| Y/Y Growth                       | 59.0%                   | 52.7%        | 37.8%           |               |                  |
| <b>Intel Foundry</b>             | \$5,765                 | \$6,309      | \$5,588         | -8.6%         | 3.2%             |
| Y/Y Growth                       | 30.5%                   | 42.8%        | 26.5%           |               |                  |
| of which external revenue        | \$293                   | \$270        | \$113           |               |                  |
| <b>All Other</b>                 | \$701                   | \$546        | \$596           | 28.4%         | 17.6%            |
| Y/Y Growth                       | -33.4%                  | -48.1%       | -43.4%          |               |                  |
| <b>Intersegment Eliminations</b> | (\$5,477)               | (\$6,039)    | (\$5,475)       | -9.3%         | 0.0%             |

Source: Company reports, UBS estimates, FactSet.

**Guidance:** INTC guided FQ3:26 Revenue/Non-GAAP EPS of \$16.3B/\$0.38 at the midpoint vs. UBS pre-call estimates of \$16.36B/\$0.37.

**Figure 2: FQ3:26 Guidance**

| Key Metrics                      | Next Q: Q3:26   |           |           |                 |
|----------------------------------|-----------------|-----------|-----------|-----------------|
|                                  | Q3 Guidance     | UBSe New  | UBSe Old  | Street Estimate |
| <b>Revenue (\$MM)</b>            | \$15.8B-\$16.8B | \$16,974  | \$16,362  | \$15,079        |
| Y/Y Growth                       |                 | 24.3%     | 19.8%     | 10.4%           |
| <b>Gross Margin</b>              | 42.0%           | 42.3%     | 41.3%     | 40.5%           |
| <b>Operating Margin</b>          |                 | 15.3%     | 15.1%     | 12.8%           |
| <b>Non-GAAP EPS</b>              | \$0.38          | \$0.39    | \$0.37    | \$0.27          |
| <b>FCF</b>                       |                 | \$2,362   | \$2,484   | (\$107)         |
| <b>Gross Capex</b>               |                 | \$6,000   | \$4,200   | \$3,572         |
| <b>Segment Revenues (\$MM)</b>   |                 |           |           |                 |
| <b>Intel Products</b>            |                 | \$15,932  | \$15,510  | \$14,141        |
| Y/Y Growth                       |                 | 25.9%     | 22.6%     | 11.8%           |
| <b>Client Computing (CCPG)</b>   |                 | \$8,894   | \$8,835   | \$8,099         |
| Y/Y Growth                       |                 | 4.2%      | 3.5%      | -5.1%           |
| <b>Datacenter and AI (DCAI)</b>  |                 | \$7,037   | \$6,675   | \$5,929         |
| Y/Y Growth                       |                 | 70.9%     | 62.1%     | 44.0%           |
| <b>Intel Foundry</b>             |                 | \$6,365   | \$6,948   | \$5,952         |
| Y/Y Growth                       |                 | 50.3%     | 64.0%     | 40.5%           |
| of which external revenue        |                 | \$340     | \$305     | \$223           |
| <b>All Other</b>                 |                 | \$702     | \$547     | \$608           |
| Y/Y Growth                       |                 | -29.3%    | -44.9%    | -38.8%          |
| <b>Intersegment Eliminations</b> |                 | (\$6,025) | (\$6,643) | (\$5,729)       |

Source: Company reports, UBS estimates, FactSet

## ESTIMATE CHANGES

We revise FQ3:26E revs/EPS from \$16.36B/\$0.37 to \$16.97B/\$0.39. We revise CY26/27/28E revs from \$62.3B/\$69.2B/\$74.7B to \$64.4B/\$75.2B/\$87.4B. In terms of EPS, we revise CY26/27/28E EPS from \$1.42/\$1.94/\$2.50 to \$1.56/\$2.17/\$2.82 on higher margins.

**Figure 3: New vs Old Estimates**

|                                  | C2026E     |            |         | C2027E     |            |         | C2028E     |            |         |
|----------------------------------|------------|------------|---------|------------|------------|---------|------------|------------|---------|
|                                  | New        | Old        | Change  | New        | Old        | Change  | New        | Old        | Change  |
| <b>Revenue (\$MM)</b>            | \$64,448   | \$62,256   | +3.5%   | \$75,192   | \$69,157   | +8.7%   | \$87,382   | \$74,729   | +16.9%  |
| Y/Y Growth                       | 21.9%      | 17.8%      |         | 16.7%      | 11.1%      |         | 16.2%      | 8.1%       |         |
| <b>Gross Margin</b>              | 42.0%      | 41.2%      | +0.7%   | 43.5%      | 43.5%      | +0.0%   | 44.4%      | 44.4%      | +0.0%   |
| <b>Operating Margin</b>          | 15.6%      | 14.6%      | +1.0%   | 19.1%      | 18.0%      | +1.1%   | 21.4%      | 20.2%      | +1.2%   |
| <b>Non-GAAP EPS</b>              | \$ 1.56    | \$ 1.42    | +10.5%  | \$ 2.17    | \$ 1.94    | +11.8%  | \$ 2.82    | \$ 2.50    | +12.9%  |
| <b>FCF</b>                       | \$7,120    | \$2,020    | +252.5% | (\$1,613)  | \$1,690    | -195.4% | \$8,400    | \$1,502    | +459.1% |
| <b>Gross Capex</b>               | \$20,215   | \$18,236   | +10.9%  | \$28,500   | \$21,500   | +32.6%  | \$25,000   | \$25,000   | -       |
| <b>Segment Revenues (\$MM)</b>   |            |            |         |            |            |         |            |            |         |
| <b>Intel Products</b>            | \$60,504   | \$58,830   | +2.8%   | \$70,042   | \$64,627   | +8.4%   | \$78,602   | \$68,309   | +15.1%  |
| Y/Y Growth                       | 23.1%      | 19.7%      |         | 15.8%      | 9.9%       |         | 12.2%      | 5.7%       |         |
| <b>Client Computing (CCPG)</b>   | \$34,254   | \$33,896   | +1.1%   | \$32,188   | \$32,455   | -0.8%   | \$32,179   | \$32,392   | -0.7%   |
| Y/Y Growth                       | 6.3%       | 5.2%       |         | -6.0%      | -4.3%      |         | 0.0%       | -0.2%      |         |
| <b>Datacenter and AI (DCAI)</b>  | \$26,357   | \$24,934   | +5.7%   | \$37,854   | \$32,172   | +17.7%  | \$46,423   | \$35,917   | +29.3%  |
| Y/Y Growth                       | 55.8%      | 47.4%      |         | 43.6%      | 29.0%      |         | 22.6%      | 11.6%      |         |
| <b>Intel Foundry</b>             | \$24,588   | \$26,394   | -6.8%   | \$29,025   | \$31,776   | -8.7%   | \$33,950   | \$35,134   | -3.4%   |
| Y/Y Growth                       | 37.9%      | 48.1%      |         | 18.0%      | 20.4%      |         | 17.0%      | 10.6%      |         |
| of which external revenue        | \$1,208    | \$1,155    |         | \$2,190    | \$2,190    |         | \$5,440    | \$3,700    |         |
| <b>All Other</b>                 | \$2,736    | \$2,271    | +20.5%  | \$2,960    | \$2,340    | +26.5%  | \$3,340    | \$2,720    | +22.8%  |
| Y/Y Growth                       | -23.2%     | -36.3%     |         | 8.2%       | 3.0%       |         | 12.8%      | 16.2%      |         |
| <b>Intersegment Eliminations</b> | (\$23,380) | (\$25,239) |         | (\$26,835) | (\$29,586) |         | (\$28,510) | (\$31,434) |         |

Source: Company reports, UBS estimates.

Figure 4: UBSe vs. Street

|                        | Actual<br>2025 | Actual<br>2026/1F | Actual<br>2026/2F | Estimate<br>2026/3F | Estimate<br>2026/4F | Estimate<br>2026 | Estimate<br>2027/1F | Estimate<br>2027/2F | Estimate<br>2027/3F | Estimate<br>2027/4F | Estimate<br>2027 | Estimate<br>2028/1F | Estimate<br>2028/2F | Estimate<br>2028/3F | Estimate<br>2028/4F | Estimate<br>2028 |
|------------------------|----------------|-------------------|-------------------|---------------------|---------------------|------------------|---------------------|---------------------|---------------------|---------------------|------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| <b>Revenues (\$MM)</b> |                |                   |                   |                     |                     |                  |                     |                     |                     |                     |                  |                     |                     |                     |                     |                  |
| UBS New                | 52,853         | 13,577            | 16,128            | 16,974              | 17,769              | 64,448           | 17,886              | 18,134              | 19,202              | 19,970              | 75,192           | 19,899              | 21,155              | 22,757              | 23,571              | 87,382           |
| UBS Old                |                |                   |                   | 16,362              | 16,986              | 62,256           | 16,677              | 16,712              | 17,630              | 18,137              | 69,157           | 17,763              | 18,377              | 19,316              | 19,273              | 74,729           |
| Consensus              |                |                   |                   | 15,428              | 15,890              | 61,023           | 15,607              | 16,525              | 17,305              | 17,901              | 67,339           | 17,475              | 18,485              | 19,665              | 20,412              | 76,038           |
| Delta                  |                |                   |                   | 10.0%               | 11.8%               | 5.6%             | 14.6%               | 9.7%                | 11.0%               | 11.6%               | 11.7%            | 13.9%               | 14.4%               | 15.7%               | 15.5%               | 14.9%            |
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| <b>Non-GAAP EPS</b>    |                |                   |                   |                     |                     |                  |                     |                     |                     |                     |                  |                     |                     |                     |                     |                  |
| UBS New                | \$ 0.42        | \$ 0.29           | \$ 0.43           | \$ 0.39             | \$ 0.45             | \$ 1.56          | \$ 0.47             | \$ 0.49             | \$ 0.58             | \$ 0.63             | \$ 2.17          | \$ 0.60             | \$ 0.66             | \$ 0.76             | \$ 0.80             | \$ 2.82          |
| UBS Old                |                |                   |                   | \$ 0.37             | \$ 0.42             | \$ 1.42          | \$ 0.41             | \$ 0.43             | \$ 0.53             | \$ 0.57             | \$ 1.94          | \$ 0.55             | \$ 0.60             | \$ 0.68             | \$ 0.67             | \$ 2.50          |
| Consensus              |                |                   |                   | \$ 0.31             | \$ 0.34             | \$ 1.37          | \$ 0.32             | \$ 0.39             | \$ 0.48             | \$ 0.55             | \$ 1.74          | \$ 0.54             | \$ 0.62             | \$ 0.73             | \$ 0.80             | \$ 2.69          |
| Delta                  |                |                   |                   | 25.8%               | 30.4%               | 14.5%            | 45.1%               | 26.5%               | 20.5%               | 14.7%               | 24.6%            | 10.8%               | 7.0%                | 4.0%                | (0.1%)              | 4.9%             |
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Source: FactSet, Company reports, UBS estimates

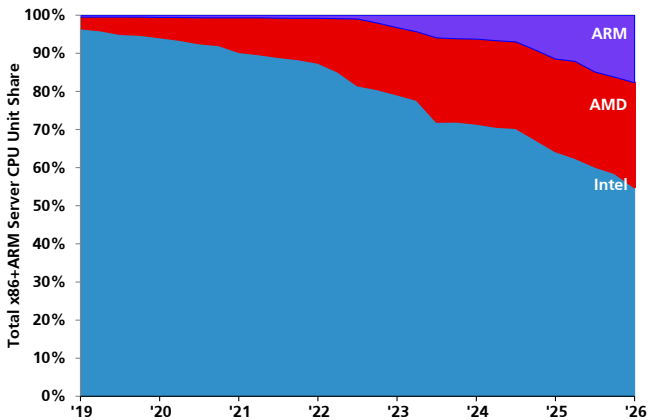


Figure 5: Summary model

| Intel (INTC) - Key Metrics<br>(in \$MM except EPS and units) | C2024A     | C2025A     | CQ1A      | CQ2A      | Estimates<br>CQ3E | CQ4E     | C2026E   | CQ1E      | CQ2E     | CQ3E     | CQ4E     | C2027E    | CQ1E     | CQ2E     | CQ3E     | CQ4E     | C2028E   |
|--------------------------------------------------------------|------------|------------|-----------|-----------|-------------------|----------|----------|-----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
| Revenue (Non GAAP)                                           | \$53,101   | \$52,853   | \$13,577  | \$16,128  | \$16,974          | \$17,769 | \$64,448 | \$17,886  | \$18,134 | \$19,202 | \$19,970 | \$75,192  | \$19,899 | \$21,155 | \$22,757 | \$23,571 | \$87,382 |
| Y/Y Growth                                                   | (2%)       | (0%)       | 7%        | 25%       | 24%               | 30%      | 22%      | 32%       | 12%      | 13%      | 12%      | 17%       | 11%      | 17%      | 19%      | 18%      | 16%      |
| Gross Profit (Non -GAAP)                                     | 19,099     | 19,410     | 5,570     | 6,737     | 7,180             | 7,552    | 27,039   | 7,566     | 7,797    | 8,449    | 8,897    | 32,709    | 8,746    | 9,361    | 10,138   | 10,583   | 38,828   |
| Gross Margin                                                 | 36.0%      | 36.7%      | 41.0%     | 41.8%     | 42.3%             | 42.5%    | 42.0%    | 42.3%     | 43.0%    | 44.0%    | 44.6%    | 43.5%     | 44.0%    | 44.3%    | 44.6%    | 44.9%    | 44.4%    |
| R&D (Non-GAAP)                                               | 16,546     | 13,774     | 3,375     | 3,368     | 3,875             | 3,860    | 14,478   | 3,840     | 3,820    | 3,870    | 3,930    | 15,460    | 4,050    | 4,170    | 4,290    | 4,410    | 16,920   |
| MG&A (Non-GAAP)                                              | 5,507      | 4,624      | 1,038     | 1,175     | 1,250             | 1,280    | 4,743    | 1,200     | 1,250    | 1,320    | 1,380    | 5,150     | 1,310    | 1,430    | 1,530    | 1,560    | 5,830    |
| Other                                                        | (2,700)    | (1,904)    | (511)     | (576)     | --                | --       | (1,087)  | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |
| Total Opex (Non-GAAP)                                        | \$19,353   | \$16,494   | \$3,902   | \$3,967   | \$4,575           | \$4,564  | \$17,008 | \$4,503   | \$4,526  | \$4,614  | \$4,711  | \$18,354  | \$4,763  | \$4,965  | \$5,137  | \$5,263  | \$20,129 |
| Y/Y Growth                                                   | 2%         | (15%)      | (9%)      | (6%)      | 16%               | 15%      | 3%       | 15%       | 14%      | 1%       | 3%       | 8%        | 6%       | 10%      | 11%      | 12%      | 10%      |
| Operating Income (Non-GAAP)                                  | (254)      | 2,916      | 1,668     | 2,770     | 2,605             | 2,988    | 10,030   | 3,062     | 3,271    | 3,835    | 4,186    | 14,355    | 3,983    | 4,396    | 5,001    | 5,320    | 18,700   |
| Operating Margin                                             | (0.5%)     | 5.5%       | 12.3%     | 17.2%     | 15.3%             | 16.8%    | 15.6%    | 17.1%     | 18.0%    | 20.0%    | 21.0%    | 19.1%     | 20.0%    | 20.8%    | 22.0%    | 22.6%    | 21.4%    |
| Non-GAAP EPS                                                 | (\$0.13)   | \$0.42     | \$0.29    | \$0.43    | \$0.39            | \$0.45   | \$1.56   | \$0.47    | \$0.49   | \$0.58   | \$0.63   | \$2.17    | \$0.60   | \$0.66   | \$0.76   | \$0.80   | \$2.82   |
| Free Cash Flow                                               |            |            |           |           |                   |          |          |           |          |          |          |           |          |          |          |          |          |
| CFFO                                                         | 8,288      | 9,697      | 1,096     | 7,006     | 6,462             | 4,622    | 19,186   | 3,804     | 6,244    | 7,317    | 7,222    | 24,587    | 6,407    | 8,264    | 9,168    | 8,761    | 32,600   |
| Less: Gross Capex                                            | 25,122     | 17,672     | 5,136     | 2,479     | 6,000             | 6,600    | 20,215   | 7,500     | 7,000    | 7,000    | 7,000    | 28,500    | 6,250    | 6,250    | 6,250    | 6,250    | 25,000   |
| Add: Contribution from Partners                              | 14,650     | 6,685      | 1,607     | 2,642     | 1,900             | 2,000    | 8,149    | 1,200     | 700      | 200      | 200      | 2,300     | 200      | 200      | 200      | 200      | 800      |
| Net Capex                                                    | 10,472     | 10,987     | 3,529     | (163)     | 4,100             | 4,600    | 12,066   | 6,300     | 6,300    | 6,800    | 6,800    | 26,200    | 6,050    | 6,050    | 6,050    | 6,050    | 24,200   |
| FCF                                                          | (\$2,228)  | (\$1,612)  | (\$2,433) | \$7,169   | \$2,362           | \$22     | \$7,120  | (\$2,496) | (\$56)   | \$517    | \$422    | (\$1,613) | \$357    | \$2,214  | \$3,118  | \$2,711  | \$8,400  |
| % of revenue                                                 | (4%)       | (3%)       | (18%)     | 44%       | 14%               | 0%       | 11%      | (14%)     | (0%)     | 3%       | 2%       | (2%)      | 2%       | 10%      | 14%      | 12%      | 10%      |
| Y/Y Growth                                                   |            |            | (34%)     | (783%)    | 164%              | (99%)    |          | 3%        | (101%)   | (78%)    | 1,793%   |           | (114%)   | (4,084%) | 503%     | 543%     |          |
| Product Revenue                                              |            |            |           |           |                   |          |          |           |          |          |          |           |          |          |          |          |          |
| Intel Products                                               | \$49,471   | \$49,147   | \$12,779  | \$15,139  | \$15,932          | \$16,654 | \$60,504 | \$16,634  | \$16,916 | \$17,884 | \$18,609 | \$70,042  | \$18,140 | \$19,177 | \$20,458 | \$20,828 | \$78,602 |
| Q/Q                                                          |            |            | (1%)      | 18%       | 5%                | 5%       |          | (0%)      | 2%       | 6%       | 4%       |           | (3%)     | 6%       | 7%       | 2%       |          |
| Y/Y                                                          | 4%         | (1%)       | 9%        | 28%       | 26%               | 29%      | 23%      | 30%       | 12%      | 12%      | 12%      | 16%       | 9%       | 13%      | 14%      | 12%      | 12%      |
| Operating Income                                             | \$13,008   | \$12,739   | --        | --        | --                | --       | --       | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |
| Operating Margin                                             | 26%        | 26%        | --        | --        | --                | --       | --       | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |
| CCPG                                                         | \$33,346   | \$32,228   | \$7,727   | \$8,877   | \$8,894           | \$8,756  | \$34,254 | \$8,098   | \$7,801  | \$8,147  | \$8,142  | \$32,188  | \$7,624  | \$8,013  | \$8,384  | \$8,158  | \$32,179 |
| Q/Q                                                          |            |            | (6%)      | 15%       | 0%                | (2%)     |          | (8%)      | (4%)     | 4%       | (0%)     |           | (6%)     | 5%       | 5%       | (3%)     |          |
| Y/Y                                                          |            | (3%)       | 1%        | 13%       | 4%                | 7%       | 6%       | 5%        | (12%)    | (8%)     | (7%)     | (6%)      | (6%)     | 3%       | 3%       | 0%       | (0%)     |
| Operating Income                                             | \$11,594   | \$9,317    | \$2,516   | \$2,343   | --                | --       | --       | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |
| Operating Margin                                             | 35%        | 29%        | 33%       | 26%       | --                | --       | --       | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |
| Desktop Revenue                                              | \$9,650    | \$8,966    | \$2,141   | \$2,310   | \$2,159           | \$2,029  | \$8,639  | \$1,844   | \$1,741  | \$1,758  | \$1,671  | \$7,014   | \$1,503  | \$1,503  | \$1,549  | \$1,626  | \$6,182  |
| Q/Q                                                          |            |            | (7%)      | 8%        | (7%)              | (6%)     |          | (9%)      | (6%)     | 1%       | (5%)     |           | (10%)    | --       | 3%       | 5%       |          |
| Y/Y                                                          | (5%)       | (7%)       | 1%        | 7%        | (10%)             | (12%)    | (4%)     | (14%)     | (25%)    | (19%)    | (18%)    | (19%)     | (18%)    | (14%)    | (12%)    | (3%)     | (12%)    |
| Desktop Units ('000s)                                        | 58,316     | 52,506     | 10,886    | 11,288    | 10,498            | 9,868    | 42,540   | 8,881     | 8,260    | 8,260    | 7,847    | 33,248    | 7,062    | 7,062    | 7,274    | 7,638    | 29,036   |
| Desktop ASP                                                  | \$165      | \$171      | \$197     | \$205     | \$206             | \$206    | \$203    | \$208     | \$211    | \$213    | \$213    | \$211     | \$213    | \$213    | \$213    | \$213    | \$213    |
| Notebook Revenue                                             | \$19,091   | \$18,657   | \$4,449   | \$5,381   | \$5,537           | \$5,648  | \$21,015 | \$5,196   | \$5,013  | \$5,290  | \$5,340  | \$20,840  | \$5,011  | \$5,412  | \$5,683  | \$5,344  | \$21,450 |
| Q/Q                                                          |            |            | (8%)      | 21%       | 3%                | 2%       |          | (8%)      | (4%)     | 6%       | 1%       |           | (6%)     | 8%       | 5%       | (6%)     |          |
| Y/Y                                                          | 12%        | (2%)       | 1%        | 21%       | 12%               | 17%      | 13%      | 17%       | (7%)     | (4%)     | (5%)     | (1%)      | (4%)     | 8%       | 7%       | 0%       | 3%       |
| Notebook Units ('000s)                                       | 150,490    | 148,178    | 30,748    | 33,207    | 32,543            | 32,543   | 129,041  | 29,940    | 28,742   | 30,179   | 31,085   | 119,946   | 28,598   | 30,886   | 32,430   | 30,808   | 122,722  |
| Notebook ASP                                                 | \$127      | \$126      | \$145     | \$162     | \$170             | \$174    | \$163    | \$174     | \$174    | \$175    | \$172    | \$174     | \$175    | \$175    | \$175    | \$173    | \$175    |
| Other                                                        | \$1,549    | \$1,365    | \$353     | \$355     | \$357             | \$359    | \$1,424  | \$364     | \$369    | \$374    | \$379    | \$1,485   | \$384    | \$390    | \$396    | \$402    | \$1,572  |
| NEX in CCG                                                   | \$3,056    | \$3,239    | \$784     | \$831     | \$848             | \$848    | \$3,310  | \$848     | \$848    | \$890    | \$917    | \$3,503   | \$899    | \$890    | \$934    | \$962    | \$3,685  |
| DCAI                                                         | \$16,125   | \$16,919   | \$5,052   | \$6,262   | \$7,037           | \$7,898  | \$26,357 | \$8,536   | \$9,115  | \$9,736  | \$10,466 | \$37,854  | \$10,517 | \$11,163 | \$12,074 | \$12,670 | \$46,423 |
| Q/Q                                                          |            |            | 7%        | 24%       | 12%               | 12%      | 56%      | 8%        | 7%       | 7%       | 7%       | 44%       | 0%       | 6%       | 8%       | 5%       |          |
| Y/Y                                                          |            | 5%         | 22%       | 59%       | 71%               | 67%      | 66%      | 69%       | 46%      | 38%      | 33%      | 44%       | 23%      | 22%      | 24%      | 21%      | 23%      |
| Operating Income                                             | \$1,414    | \$3,422    | \$1,542   | \$2,956   | --                | --       | --       | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |
| Operating Margin                                             | 9%         | 20%        | 31%       | 47%       | --                | --       | --       | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |
| Edge (ex-NEX in DCAI, incl Custom until D)                   | \$3,308    | \$3,250    | \$766     | \$686     | \$693             | \$700    | \$2,846  | \$686     | \$700    | \$742    | \$772    | \$2,900   | \$756    | \$749    | \$786    | \$810    | \$3,100  |
| Custom ASIC                                                  | --         | --         | \$370     | \$500     | \$650             | \$800    | \$2,320  | \$1,000   | \$1,150  | \$1,288  | \$1,443  | \$4,881   | \$1,587  | \$1,745  | \$1,920  | \$2,112  | \$7,364  |
| Server Revenues                                              | \$12,817   | \$13,419   | \$3,916   | \$5,076   | \$5,694           | \$6,398  | \$21,084 | \$6,786   | \$7,198  | \$7,636  | \$8,178  | \$29,798  | \$8,096  | \$8,587  | \$9,282  | \$9,658  | \$35,623 |
| Server Units ('000s)                                         | 15,315     | 16,709     | 4,354     | 4,920     | 5,215             | 5,528    | 20,016   | 5,638     | 5,807    | 5,982    | 6,221    | 23,648    | 6,034    | 6,276    | 6,652    | 6,785    | 25,747   |
| Server ASP                                                   | \$824      | \$791      | \$887     | \$1,020   | \$1,092           | \$1,157  | \$1,048  | \$1,192   | \$1,228  | \$1,265  | \$1,303  | \$1,248   | \$1,329  | \$1,355  | \$1,382  | \$1,410  | \$1,371  |
| Accelerators                                                 | \$200      | \$200      | \$53      | \$55      | --                | --       | \$108    | \$64      | \$67     | \$71     | \$74     | \$276     | \$78     | \$82     | \$86     | \$90     | \$335    |
| Intel Foundry                                                | \$17,317   | \$17,826   | \$5,421   | \$5,765   | \$6,365           | \$7,037  | \$24,588 | \$6,945   | \$7,060  | \$7,422  | \$7,598  | \$29,025  | \$7,600  | \$8,190  | \$8,861  | \$9,301  | \$33,950 |
| Q/Q                                                          |            |            | 20%       | 6%        | 10%               | 11%      |          | (1%)      | 2%       | 5%       | 2%       |           | 0%       | 8%       | 8%       | 5%       |          |
| Y/Y                                                          | (8%)       | 3%         | 16%       | 31%       | 50%               | 56%      | 38%      | 28%       | 22%      | 17%      | 8%       | 18%       | 9%       | 16%      | 19%      | 22%      | 17%      |
| Internal Foundry Revenue                                     | \$17,288   | \$17,683   | \$5,251   | \$5,477   | \$6,025           | \$6,627  | \$23,380 | \$6,495   | \$6,560  | \$6,822  | \$6,958  | \$26,835  | \$6,750  | \$7,020  | \$7,371  | \$7,371  | \$28,510 |
| External Foundry Revenue                                     | \$29       | \$143      | \$170     | \$288     | \$340             | \$410    | \$1,208  | \$450     | \$500    | \$600    | \$640    | \$2,190   | \$850    | \$1,170  | \$1,490  | \$1,930  | \$5,440  |
| Operating Income                                             | (\$13,291) | (\$10,318) | (\$2,320) | (\$2,320) | --                | --       | --       | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |
| Operating Margin                                             | (77%)      | (58%)      | (43%)     | (40%)     | --                | --       | --       | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |
| All Other                                                    | \$3,601    | \$3,563    | \$628     | \$701     | \$702             | \$705    | \$2,736  | \$802     | \$717    | \$719    | \$722    | \$2,960   | \$909    | \$808    | \$810    | \$813    | \$3,340  |
| Q/Q                                                          |            |            | 9%        | 12%       | 0%                | 0%       |          | 14%       | (11%)    | 0%       | 0%       |           | 26%      | (11%)    | 0%       | 0%       |          |
| Y/Y                                                          |            | (1%)       | (33%)     | (33%)     | (29%)             | 23%      | (23%)    | 28%       | 2%       | 2%       | 2%       | 8%        | 13%      | 13%      | 13%      | 13%      | 13%      |
| Operating Income                                             | (\$57)     | \$264      | \$103     | (\$139)   | --                | --       | --       | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |
| Operating Margin                                             | (2%)       | 7%         | 16%       | (20%)     | --                | --       | --       | --        | --       | --       | --       | --        | --       | --       | --       | --       | --       |

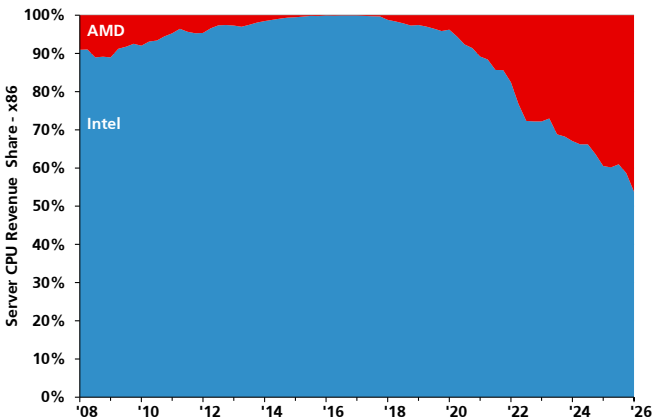
KEY CHARTS

Figure 6: Server CPU units share



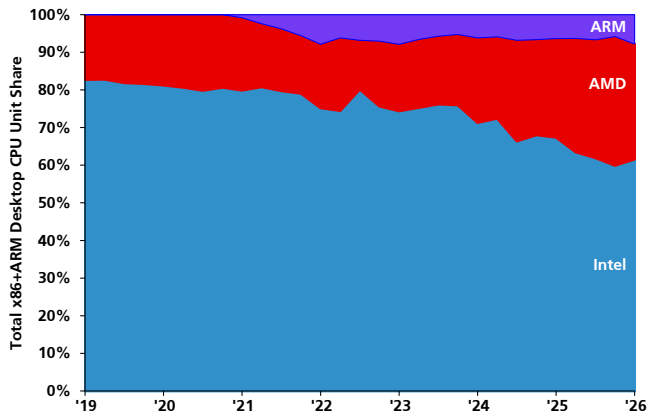
Source: Mercury Research, UBSe

Figure 7: Server CPU revenue share (x86)



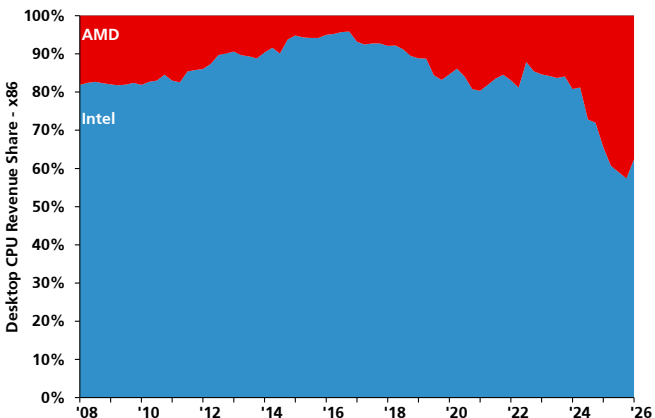
Source: Mercury Research, UBSe

Figure 8: PC desktop CPU units share



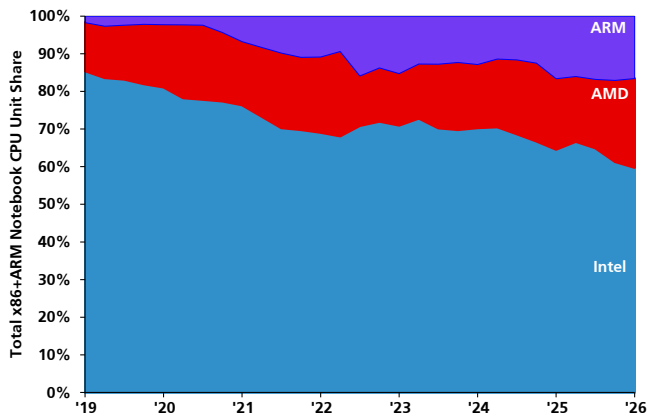
Source: Mercury Research, UBSe

Figure 9: PC desktop CPU revenue share (x86)



Source: Mercury Research, UBSe

Figure 10: PC notebook CPU units share



Source: Mercury Research, UBSe

Figure 11: PC notebook CPU revenue share (x86)



Source: Mercury Research, UBSe



## Valuation and Multiple Justification

We maintain our PT of \$121 based on our SOTP valuation framework. We value each business separately. We value INTC's product business assuming a higher normalized EBIT margin of 26% - higher margins for Server CPUs. We apply a 31x EV/EBIT multiple (no change), and netting off the non-controlling interest (basically debt represented by the SCIP agreements for Arizona and Ireland). Our framework looks at an independent valuation for Intel's manufacturing assets based on how other global foundry comps are valued per installed wafer of capacity. We value INTC's Foundry business based on an EV/k-wpm basis of \$11/sh (vs. prior of \$25). We believe this to be the best metric to assign a market-implied valuation to the company's Foundry aspirations, but apply a ~25% discount vs. TSMC to reflect node and yield gaps, customer stickiness, and utilization risk.

**Figure 12: Intel SOTP Valuation (New)**

| Intel Products                | Total \$MM     | Per Share    | Comments                            |
|-------------------------------|----------------|--------------|-------------------------------------|
| Revenue                       | 70,042         |              |                                     |
| Normalized EBIT margin        | 26%            |              |                                     |
| Normalized EBIT               | 18,281         |              |                                     |
| Peer EV/EBIT                  | 31x            |              |                                     |
| <b>Products SoTP Value</b>    | <b>575,834</b> | <b>\$113</b> |                                     |
| <b>Intel Foundry</b>          |                |              |                                     |
| Intel Capacity (k-wsm)        | 364            |              |                                     |
| Peer Value per k-wsm          | 191            |              |                                     |
| <b>Gross Foundry Value</b>    | <b>69,603</b>  | <b>\$14</b>  |                                     |
| Noncontrolling Interest       | (14,200)       | (\$3)        | Brookfield only, at historical cost |
| <b>Net Foundry SoTP Value</b> | <b>55,403</b>  | <b>\$11</b>  |                                     |
| <b>Altera</b>                 |                |              |                                     |
| Market Cap                    | 8,750          |              | Based on Silver Lake valuation.     |
| Intel Stake                   | 49%            |              |                                     |
| <b>Altera SoTP Value</b>      | <b>4,288</b>   | <b>\$1</b>   |                                     |
| <b>Mobileye</b>               |                |              |                                     |
| Market Cap                    | 6,291          |              | MBLY market cap.                    |
| Intel Stake                   | 80%            |              | Current INTC stake.                 |
| <b>Mobileye SoTP Value</b>    | <b>5,033</b>   | <b>\$1</b>   |                                     |
| <b>TOTAL</b>                  |                |              |                                     |
| <b>SoTP Enterprise Value</b>  | <b>640,557</b> | <b>\$125</b> |                                     |
| Net Debt                      | (21,269)       | (\$4)        |                                     |
| <b>SoTP Equity Value</b>      | <b>619,288</b> | <b>\$121</b> |                                     |

Source: UBS estimates, FactSet.

**Figure 13: Intel SOTP Valuation (Old)**

| Intel Products                | Total \$MM     | Per Share    | Comments                            |
|-------------------------------|----------------|--------------|-------------------------------------|
| Revenue                       | 64,627         |              |                                     |
| Normalized EBIT margin        | 25%            |              |                                     |
| Normalized EBIT               | 15,834         |              |                                     |
| Peer EV/EBIT                  | 31x            |              |                                     |
| <b>Products SoTP Value</b>    | <b>490,844</b> | <b>\$96</b>  |                                     |
| <b>Intel Foundry</b>          |                |              |                                     |
| Intel Capacity (k-wsm)        | 466            |              |                                     |
| Peer Value per k-wsm          | 309            |              |                                     |
| <b>Gross Foundry Value</b>    | <b>144,182</b> | <b>\$28</b>  |                                     |
| Noncontrolling Interest       | (14,200)       | (\$3)        | Brookfield only, at historical cost |
| <b>Net Foundry SoTP Value</b> | <b>129,982</b> | <b>\$25</b>  |                                     |
| <b>Altera</b>                 |                |              |                                     |
| Market Cap                    | 8,750          |              | Based on Silver Lake valuation.     |
| Intel Stake                   | 49%            |              |                                     |
| <b>Altera SoTP Value</b>      | <b>4,288</b>   | <b>\$1</b>   |                                     |
| <b>Mobileye</b>               |                |              |                                     |
| Market Cap                    | 8,026          |              | MBLY market cap.                    |
| Intel Stake                   | 80%            |              | Current INTC stake.                 |
| <b>Mobileye SoTP Value</b>    | <b>6,421</b>   | <b>\$1</b>   |                                     |
| <b>TOTAL</b>                  |                |              |                                     |
| <b>SoTP Enterprise Value</b>  | <b>631,534</b> | <b>\$124</b> |                                     |
| Net Debt                      | (12,925)       | (\$3)        |                                     |
| <b>SoTP Equity Value</b>      | <b>618,610</b> | <b>\$121</b> |                                     |

Source: UBS estimates, FactSet.

**Figure 14: Intel Foundry Comps**

| Ticker                | Company Name     | Capacity | EV        | EV/k-wsm |
|-----------------------|------------------|----------|-----------|----------|
| 2330-TW               | TSMC             | 1,642    | 1,851,528 | 620      |
| 005930-KR             | Samsung Foundry  | 1,685    | 1,128,250 | 208      |
| 2303-TW               | UMC              | 440      | 52,079    | 118      |
| 981-HK                | SMIC             | 507      | 97,872    | 193      |
| GFS-US                | GlobalFoundries  | 292      | 30,003    | 103      |
| 1347-HK               | Hua Hong         | 247      | 35,248    | 143      |
| 688249-CN             | Vanguard (200mm) | 146      | 12,920    | 88       |
| 6770-TW               | PSMC (200mm)     | 163      | 9,231     | 57       |
| <b>Simple Average</b> |                  | 640      | 402,141   | 191      |
| <b>Median</b>         |                  | 366      | 43,664    | 131      |

Source: UBS research, FactSet. Note: Samsung EV adjusted for Foundry capacity, TSMC 45% haircut to EV reflect node and yield gaps, customer stickiness, and utilization risk.

Figure 15: CPU Units Sell-In

|                                  | 2020           | 2021           | 2022            | 2023           | 2024           | Q125          | Q225           | Q325           | Q425           | 2025            | Q126           | Q226E          | Q326E          | Q426E         | 2026           | Q127E         | Q227E          | Q327E           | Q427E           | 2027            |
|----------------------------------|----------------|----------------|-----------------|----------------|----------------|---------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|-----------------|-----------------|-----------------|
| INTC CPU Units (US\$e)           | 278,620        | 303,003        | 208,303         | 195,774        | 208,806        | 47,974        | 48,778         | 51,232         | 52,700         | 200,684         | 41,698         | 45,519         | 43,041         | 42,411        | 172,670        | 38,821        | 37,002         | 38,439          | 38,931          | 153,193         |
| Q/Q growth                       |                |                |                 |                |                | -13.1%        | 1.7%           | 5.0%           | 2.9%           |                 | -20.9%         | 9.2%           | -5.4%          | -1.5%         |                | -8.5%         | -4.7%          | 3.9%            | 1.3%            |                 |
| AMD CPU Units (US\$e)            | 62,179         | 68,108         | 47,747          | 38,559         | 52,144         | 13,005        | 13,140         | 15,215         | 14,983         | 56,343          | 14,220         | 14,729         | 15,084         | 15,110        | 59,142         | 14,053        | 13,742         | 14,292          | 15,149          | 57,236          |
| Q/Q growth                       |                |                |                 |                |                | -17.3%        | 1.0%           | 15.8%          | -1.5%          |                 | -5.1%          | 3.6%           | 2.4%           | 0.2%          |                | -7.0%         | -2.2%          | 4.0%            | 6.0%            |                 |
| <b>Total CPU Units (US\$e)</b>   | <b>340,799</b> | <b>371,112</b> | <b>256,049</b>  | <b>234,334</b> | <b>260,950</b> | <b>60,978</b> | <b>61,918</b>  | <b>66,448</b>  | <b>67,683</b>  | <b>257,026</b>  | <b>55,917</b>  | <b>60,249</b>  | <b>58,125</b>  | <b>57,521</b> | <b>231,812</b> | <b>52,874</b> | <b>50,744</b>  | <b>52,731</b>   | <b>54,081</b>   | <b>210,430</b>  |
| Q/Q growth                       | 18.9%          | 8.9%           | -31.0%          | -8.5%          | 11.4%          | -14.0%        | 1.5%           | 7.3%           | 1.9%           |                 | -17.4%         | 7.7%           | -3.5%          | -1.0%         |                | -8.1%         | -4.0%          | 3.9%            | 2.6%            |                 |
| Y/Y growth                       |                |                |                 |                |                | -3.6%         | -1.1%          | 3.5%           | -4.6%          | -1.5%           | -8.3%          | -2.7%          | -12.5%         | -15.0%        | -9.8%          | -5.4%         | -15.8%         | -9.3%           | -6.0%           | -9.2%           |
| <b>Global PC Units (US\$e)</b>   | <b>308,171</b> | <b>341,727</b> | <b>284,052</b>  | <b>242,296</b> | <b>247,646</b> | <b>60,349</b> | <b>65,943</b>  | <b>72,230</b>  | <b>72,301</b>  | <b>270,823</b>  | <b>62,417</b>  | <b>61,624</b>  | <b>59,617</b>  | <b>57,966</b> | <b>241,624</b> | <b>53,465</b> | <b>59,122</b>  | <b>65,671</b>   | <b>68,371</b>   | <b>246,629</b>  |
| Q/Q growth                       | 10.5%          | 10.9%          | -16.9%          | -14.7%         | 2.2%           | -7.7%         | 9.3%           | 9.5%           | 0.1%           |                 | -13.7%         | -1.3%          | -3.3%          | -2.8%         |                | -7.8%         | 10.6%          | 11.1%           | 4.1%            |                 |
| Y/Y growth                       |                |                |                 |                |                | 6.6%          | 8.1%           | 11.8%          | 10.5%          | 9.4%            | 3.4%           | -6.5%          | -17.5%         | -19.8%        | -10.8%         | -14.3%        | -4.1%          | 10.2%           | 17.9%           | 2.1%            |
| <b>Total Mac Units (US\$e)</b>   | <b>22,009</b>  | <b>26,944</b>  | <b>26,824</b>   | <b>21,532</b>  | <b>22,458</b>  | <b>5,933</b>  | <b>5,926</b>   | <b>6,279</b>   | <b>6,689</b>   | <b>24,827</b>   | <b>6,684</b>   | <b>6,756</b>   | <b>6,405</b>   | <b>7,053</b>  | <b>26,897</b>  | <b>7,488</b>  | <b>7,654</b>   | <b>6,526</b>    | <b>7,359</b>    | <b>29,027</b>   |
| Q/Q growth                       | 20.0%          |                |                 |                |                | -5.5%         | -0.1%          | 6.0%           | 6.5%           |                 | -0.1%          | 1.1%           | -5.2%          | 10.1%         |                | 6.2%          | 2.2%           | -14.7%          | 12.8%           |                 |
| Y/Y growth                       |                | 22.4%          | -0.4%           | -19.7%         | 4.3%           | 7.0%          | 17.9%          | 12.0%          | 6.5%           | 10.6%           | 12.7%          | 14.0%          | 2.0%           | 5.4%          | 8.3%           | 12.0%         | 13.3%          | 1.9%            | 4.3%            | 7.9%            |
| <b>Global PC Units (ex. Mac)</b> | <b>286,162</b> | <b>314,783</b> | <b>257,229</b>  | <b>220,764</b> | <b>225,188</b> | <b>54,416</b> | <b>60,017</b>  | <b>65,951</b>  | <b>65,612</b>  | <b>245,996</b>  | <b>55,733</b>  | <b>54,868</b>  | <b>53,212</b>  | <b>50,914</b> | <b>214,727</b> | <b>45,978</b> | <b>51,468</b>  | <b>59,145</b>   | <b>61,012</b>   | <b>217,602</b>  |
| Q/Q growth                       | 9.8%           | 10.0%          | -18.3%          | -14.2%         | 2.0%           | -8.0%         | 10.3%          | 9.9%           | -0.5%          |                 | -15.1%         | -1.6%          | -9.0%          | -4.3%         |                | -9.7%         | 11.9%          | 14.9%           | 3.2%            |                 |
| Y/Y growth                       |                |                |                 |                |                | 6.6%          | 7.2%           | 11.8%          | 11.0%          | 9.2%            | 2.4%           | -8.6%          | -19.3%         | -22.4%        | -12.7%         | -17.5%        | -6.2%          | 11.1%           | 19.8%           | 1.3%            |
| <b>CPU vs PC Units</b>           | <b>32,628</b>  | <b>29,385</b>  | <b>(28,003)</b> | <b>(7,963)</b> | <b>13,304</b>  | <b>629</b>    | <b>(4,025)</b> | <b>(5,782)</b> | <b>(4,619)</b> | <b>(13,797)</b> | <b>(6,499)</b> | <b>(1,375)</b> | <b>(1,492)</b> | <b>(446)</b>  | <b>(9,812)</b> | <b>(591)</b>  | <b>(8,378)</b> | <b>(12,940)</b> | <b>(14,290)</b> | <b>(36,200)</b> |
| <b>CPU vs PC Units (ex. Mac)</b> | <b>54,637</b>  | <b>56,329</b>  | <b>(1,179)</b>  | <b>13,569</b>  | <b>35,761</b>  | <b>6,562</b>  | <b>1,901</b>   | <b>497</b>     | <b>2,070</b>   | <b>11,030</b>   | <b>185</b>     | <b>5,380</b>   | <b>4,913</b>   | <b>6,607</b>  | <b>17,085</b>  | <b>6,896</b>  | <b>(724)</b>   | <b>(6,414)</b>  | <b>(6,931)</b>  | <b>(7,172)</b>  |

Source: Company reports, Mercury, UBS estimates

**Figure 16: AMD, INTC, and NVDA - Data Center GPU Roadmap**

|                 |                | 2017       |                |   |   | 2018 |   |   |   | 2019 |   |   |   | 2020 |   |   |   | 2021 |   |   |   | 2022 |   |   |   | 2023 |   |   |   | 2024 |   |   |   | 2025E |   |   |   | 2026E |   |   |   | 2027E |  |  |  | 2028E |  |  |  | 2029E |  |  |  |
|-----------------|----------------|------------|----------------|---|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---|---|---|-------|---|---|---|-------|--|--|--|-------|--|--|--|-------|--|--|--|
|                 |                | 1          | 2              | 3 | 4 | 1    | 2 | 3 | 4 | 1    | 2 | 3 | 4 | 1    | 2 | 3 | 4 | 1    | 2 | 3 | 4 | 1    | 2 | 3 | 4 | 1    | 2 | 3 | 4 | 1    | 2 | 3 | 4 | 1     | 2 | 3 | 4 | 1     | 2 | 3 | 4 |       |  |  |  |       |  |  |  |       |  |  |  |
| AMD             | Generation     |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 | Microarch.     |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 | Product family |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
| Data Center GPU | INTC           |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
| Habana La       | Generation     |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                | Microarch. |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                |            | Product family |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
| NVIDIA          | Generation     |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                | Microarch. |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                |            | Product family |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |
|                 |                |            |                |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |      |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |       |  |  |  |

Source: Company data, UBS research

**Figure 17: AMD, INTC, and NVDA - Server CPU Roadmap**

|                 |        | 2017                  |   |   |   | 2018 |                  |   |   | 2019 |                                 |   |   | 2020 |                                               |   |   | 2021 |                                                                                                                |   |   | 2022 |                   |   |   | 2023 |                                      |   |   | 2024          |                                |   |   | 2025E         |                                     |   |   | 2026E            |                                           |   |   | 2027E |                                        |   |   | 2028E |                                      |  |  | 2029E |                                      |  |  |
|-----------------|--------|-----------------------|---|---|---|------|------------------|---|---|------|---------------------------------|---|---|------|-----------------------------------------------|---|---|------|----------------------------------------------------------------------------------------------------------------|---|---|------|-------------------|---|---|------|--------------------------------------|---|---|---------------|--------------------------------|---|---|---------------|-------------------------------------|---|---|------------------|-------------------------------------------|---|---|-------|----------------------------------------|---|---|-------|--------------------------------------|--|--|-------|--------------------------------------|--|--|
|                 |        | 1                     | 2 | 3 | 4 | 1    | 2                | 3 | 4 | 1    | 2                               | 3 | 4 | 1    | 2                                             | 3 | 4 | 1    | 2                                                                                                              | 3 | 4 | 1    | 2                 | 3 | 4 | 1    | 2                                    | 3 | 4 | 1             | 2                              | 3 | 4 | 1             | 2                                   | 3 | 4 | 1                | 2                                         | 3 | 4 | 1     | 2                                      | 3 | 4 |       |                                      |  |  |       |                                      |  |  |
| Server CPU      | AMD    | Generation Microarch. |   |   |   |      | 1st Gen Zen      |   |   |      | 2nd Gen Zen2                    |   |   |      | 3rd Gen Zen3, 3D V-Cache                      |   |   |      | 4th Gen Zen4/4C, 3D V-Cache                                                                                    |   |   |      | 5th Gen Zen5/5c   |   |   |      | 6th Gen Zen6/6c                      |   |   |               | 7th Gen Zen 7/7c               |   |   |               | 7th Gen Zen 7/7c                    |   |   |                  |                                           |   |   |       |                                        |   |   |       |                                      |  |  |       |                                      |  |  |
|                 |        | Product family        |   |   |   |      | Naples 14nm      |   |   |      | General Purpose, Rome 7nm, 14nm |   |   |      | General Purpose, Milan Technical, Milan-X 7nm |   |   |      | Zen4/4C - 3D V-Cache<br>General Purpose, Genoa 5nm<br>Cloud Native - Bergamo Technical - Genoa-X Telco - Siena |   |   |      | Turin TSMC 3nm    |   |   |      | Venice (26) and Verano (27) TSMC 2nm |   |   |               | Florence Next Gen Process Node |   |   |               |                                     |   |   |                  |                                           |   |   |       |                                        |   |   |       |                                      |  |  |       |                                      |  |  |
|                 | Intel  | Generation Microarch. |   |   |   |      | 1st Gen Purley   |   |   |      | 2nd Gen                         |   |   |      | 3rd Gen Whitely                               |   |   |      | 4th Gen Eagle Stream                                                                                           |   |   |      | 5th Gen           |   |   |      | 6th Gen Birch Stream                 |   |   |               | 7th Gen Oak Stream             |   |   |               | 8th Gen TBA                         |   |   |                  | 9th Gen TBA                               |   |   |       |                                        |   |   |       |                                      |  |  |       |                                      |  |  |
|                 |        | Product family        |   |   |   |      | Skylake-SP 14nm+ |   |   |      | Cascade Lake-SP 14nm++          |   |   |      | Cascade Lake R 14nm++                         |   |   |      | Cooper Lake 14nm++                                                                                             |   |   |      | Ice Lake-SP 10nm+ |   |   |      | Sapphire Rapids & S.R. HBM Intel 7   |   |   |               | Emerald Rapids Intel 7         |   |   |               | Sierra Forest E-core based, Intel 3 |   |   |                  | Clearwater Forest E-core based, Intel 18A |   |   |       | Diamond Rapids P-Core based, Intel 18A |   |   |       | Coral Rapids P-Core based, Intel 18A |  |  |       | Coral Rapids P-Core based, Intel 18A |  |  |
|                 | NVIDIA | Generation Microarch. |   |   |   |      |                  |   |   |      |                                 |   |   |      |                                               |   |   |      |                                                                                                                |   |   |      |                   |   |   |      |                                      |   |   |               | 1st Gen Neoverse V2, Armv9     |   |   |               | 2nd Gen Arm v9.2                    |   |   |                  | 3rd Gen                                   |   |   |       |                                        |   |   |       |                                      |  |  |       |                                      |  |  |
| Product family. |        |                       |   |   |   |      |                  |   |   |      |                                 |   |   |      |                                               |   |   |      |                                                                                                                |   |   |      |                   |   |   |      |                                      |   |   | Grace TSMC N4 |                                |   |   | Vera TSMC 3nm |                                     |   |   | Rosalyn TSMC 2nm |                                           |   |   |       |                                        |   |   |       |                                      |  |  |       |                                      |  |  |

Source: Company data, UBS research

Figure 18: AMD, INTC, NVDA - Desktop/Notebook/Gaming CPU Roadmap

|              |        | 2017                      |                                                                   |   |                                                                    | 2018 |                                                        |   |                    | 2019 |                                      |   |                             | 2020 |                                        |   |                              | 2021 |                                       |   |                                          | 2022 |                                       |   |                                 | 2023 |                             |   |                 | 2024 |          |   |                  | 2025E |   |   |   | 2026E |   |   |   | 2027E |   |   |   | 2028E |  |  |  | 2029E |  |  |  |
|--------------|--------|---------------------------|-------------------------------------------------------------------|---|--------------------------------------------------------------------|------|--------------------------------------------------------|---|--------------------|------|--------------------------------------|---|-----------------------------|------|----------------------------------------|---|------------------------------|------|---------------------------------------|---|------------------------------------------|------|---------------------------------------|---|---------------------------------|------|-----------------------------|---|-----------------|------|----------|---|------------------|-------|---|---|---|-------|---|---|---|-------|---|---|---|-------|--|--|--|-------|--|--|--|
|              |        | 1                         | 2                                                                 | 3 | 4                                                                  | 1    | 2                                                      | 3 | 4                  | 1    | 2                                    | 3 | 4                           | 1    | 2                                      | 3 | 4                            | 1    | 2                                     | 3 | 4                                        | 1    | 2                                     | 3 | 4                               | 1    | 2                           | 3 | 4               | 1    | 2        | 3 | 4                | 1     | 2 | 3 | 4 | 1     | 2 | 3 | 4 | 1     | 2 | 3 | 4 |       |  |  |  |       |  |  |  |
| Desktop CPU  | AMD    | Microarch. Product family | Zen Summit Ridge /Raven Ridge 14nm                                |   |                                                                    |      | Zen+ Pinnacle Ridge /Picasso 12nm                      |   |                    |      | Zen 2 Matisse /Renoir 7nm            |   |                             |      | Zen 3/3D Vermeer /Cezanne 7nm          |   |                              |      | Zen 4/4D, RDNA 2 Raphael 5nm          |   |                                          |      | Zen 5 Granite Ridge 4nm               |   |                                 |      | Zen 6 Medusa Ridge TBA      |   |                 |      |          |   |                  |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |
|              | INTC   | Generation                | 7th Gen Core                                                      |   | 8th /9th Gen Core                                                  |      |                                                        |   |                    |      | 10th Gen Core                        |   |                             |      | 11th Gen                               |   | 12th Gen Core                |      | 13th Gen Core                         |   |                                          |      | 14th Gen                              |   |                                 |      | 15th Gen                    |   |                 |      | Next Gen |   |                  |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |
|              |        | Microarch. Product family | Skylake                                                           |   |                                                                    |      |                                                        |   |                    |      |                                      |   | Cypress Cove                |      | Golden Cove & Gracemont                |   | Raptor Cove & Gracemont      |      |                                       |   | Lion Cove & Skymont                      |      |                                       |   | Coyote Cove & Arctic Wolf (TBC) |      |                             |   |                 |      |          |   |                  |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |
|              |        | Kaby Lake 14nm            | Coffee Lake 14nm                                                  |   |                                                                    |      | Comet Lake 14nm                                        |   |                    |      | Rocket Lake 14nm                     |   | Alder Lake Intel 7          |      | Raptor Lake Intel 7                    |   | Raptor Lake Refresh Intel 7  |      | Arrow Lake TSMC N3E                   |   |                                          |      | Nova Lake*, Intel 18A,                |   |                                 |      |                             |   |                 |      |          |   |                  |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |
| Notebook CPU | AMD    | Microarch. Product family | Excavator                                                         |   | Zen Raven Ridge, 14nm                                              |      |                                                        |   | Zen+ Picasso, 12nm |      |                                      |   | Zen 2, Vega GPU Renoir, 7nm |      |                                        |   | Zen 3, Vega GPU Lucienne 7nm |      | Zen 3, Vega GPU Cezanne 7nm           |   | Zen 3+, RDNA2 Rembrandt/ Rembrandt-R 6nm |      | Zen 4, RDNA 3, XDNA Phoenix Point 4nm |   | Zen 4, RDNA 2 Dragon Range 5nm  |      | Hawk Point 4nm              |   | Strix Point 4nm |      |          |   | Medusa Point TBA |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |
|              | INTC   | Generation                | 7th Gen Core                                                      |   | 8th /9th Gen                                                       |      |                                                        |   | 10th Gen Core      |      |                                      |   | 11th Gen                    |      | 12th Gen                               |   | 13th Gen                     |      | 14th Gen                              |   | 15th Gen                                 |      |                                       |   | 16th Gen                        |      | 17th Gen                    |   | Next Gen        |      |          |   |                  |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |
|              |        | Microarch. Product family | Skylake                                                           |   |                                                                    |      | Skylake / Sunny Cove                                   |   |                    |      | Willow Cove                          |   |                             |      | Golden Cove & Gracemont                |   | Raptor Cove & Gracemont      |      | Redwood Cove & Crestmont              |   | Lion Cove & Skymont                      |      |                                       |   | Cougar Cove & Darkmont          |      | Coyote Cove & Arctic Wolf   |   |                 |      |          |   |                  |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |
|              |        | Kaby Lake 14nm            | Coffee Lake 14nm                                                  |   | Amber Lake 14nm                                                    |      | Comet Lake 14nm++ / Ice Lake 10nm++                    |   |                    |      | Tiger Lake 10nm+                     |   | Alder Lake Intel 7          |      | Raptor Lake Intel 7                    |   | Meteor Lake Intel 4+TSMC N5  |      | Lunar Lake Intel 3+TSMC N3            |   | 15th Gen Arrow Lake TSMC N3E             |      | Panther Lake, Intel 18A + TSMC N2     |   | Nova Lake* Intel 18A            |      | Razor Lake TBC              |   |                 |      |          |   |                  |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |
| Gaming GPU   | AMD    | Microarch. Product family | RDNA 4th Gen                                                      |   | GCN 5th Gen Vega Samsung 14nm (FinFET) TSMC 7nm (Jan 2019, FinFET) |      |                                                        |   |                    |      | RDNA Navi 1X TSMC 7nm (FinFET)       |   |                             |      | RDNA 2 Navi 2X TSMC 7nm (FinFET)       |   |                              |      | RDNA 3 Navi 3X TSMC N5&N6             |   |                                          |      | RDNA 4 Navi 4X TSMC 4nm               |   |                                 |      | TBA                         |   |                 |      |          |   |                  |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |
|              | INTC   | Microarch. Product family |                                                                   |   |                                                                    |      |                                                        |   |                    |      |                                      |   |                             |      |                                        |   |                              |      | Xe-HPG Arc Alchemist TSMC N6          |   |                                          |      | Xe2-HPG Battlemage TSMC N5            |   |                                 |      | Xe3-HPG Celestial* TSMC 3nm |   |                 |      |          |   |                  |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |
|              | NVIDIA | Microarch. Product family | Pascal GeForce 10 series TSMC 16nm (FinFET) Samsung 14nm (FinFET) |   |                                                                    |      | Turing GeForce 16 series, 20 series TSMC 12nm (FinFET) |   |                    |      | Ampere GeForce 30 series Samsung 8nm |   |                             |      | Ada Lovelace GeForce 40 series TSMC 4N |   |                              |      | Blackwell GeForce 50 series* TSMC 3nm |   |                                          |      | TBA                                   |   |                                 |      |                             |   |                 |      |          |   |                  |       |   |   |   |       |   |   |   |       |   |   |   |       |  |  |  |       |  |  |  |

Source: Company data, UBS research

# Intel Corp. (INTC.O)

|                                             | 12/23           | 12/24           | 12/25           | 12/26E          | %ch          | 12/27E          | %ch           | 12/28E          | 12/29E          | 12/30E          |
|---------------------------------------------|-----------------|-----------------|-----------------|-----------------|--------------|-----------------|---------------|-----------------|-----------------|-----------------|
| <b>Income Statement (US\$m)</b>             |                 |                 |                 |                 |              |                 |               |                 |                 |                 |
| <b>Revenues</b>                             | <b>54,228</b>   | <b>53,101</b>   | <b>52,853</b>   | <b>64,448</b>   | <b>21.9</b>  | <b>75,192</b>   | <b>16.7</b>   | <b>87,382</b>   | <b>107,761</b>  | <b>132,499</b>  |
| Gross profit                                | 23,650          | 19,099          | 19,410          | 27,039          | 39.3         | 32,709          | 21.0          | 38,828          | 49,022          | 62,891          |
| <b>EBITDA (UBS)</b>                         | <b>14,268</b>   | <b>11,125</b>   | <b>14,622</b>   | <b>22,817</b>   | <b>56.0</b>  | <b>28,157</b>   | <b>23.4</b>   | <b>34,052</b>   | <b>42,869</b>   | <b>55,205</b>   |
| Depreciation & amortisation                 | (9,602)         | (11,379)        | (11,706)        | (12,787)        | -9.2         | (13,802)        | -7.9          | (15,352)        | (16,994)        | (18,279)        |
| <b>EBIT (UBS)</b>                           | <b>4,666</b>    | <b>(254)</b>    | <b>2,916</b>    | <b>10,030</b>   | <b>244.0</b> | <b>14,355</b>   | <b>43.1</b>   | <b>18,700</b>   | <b>25,875</b>   | <b>36,926</b>   |
| Associates & investment income              | 0               | 0               | 0               | 0               | -            | 0               | -             | 0               | 0               | 0               |
| Other non-operating income                  | 0               | 0               | 0               | 0               | -            | 0               | -             | 0               | 0               | 0               |
| Net interest                                | 669             | 468             | 3,771           | (13,499)        | -            | (283)           | 97.9          | (271)           | 5               | (53)            |
| Exceptionals (incl goodwill)                | 0               | 0               | 0               | 0               | -            | 0               | -             | 0               | 0               | 0               |
| <b>Pre-tax profit</b>                       | <b>5,335</b>    | <b>214</b>      | <b>6,687</b>    | <b>(3,469)</b>  | -            | <b>14,072</b>   | -             | <b>18,429</b>   | <b>25,880</b>   | <b>36,872</b>   |
| Tax                                         | (670)           | 97              | (317)           | (1,131)         | -256.8       | (1,689)         | -49.3         | (2,396)         | (3,623)         | (5,531)         |
| <b>Profit after tax</b>                     | <b>4,665</b>    | <b>311</b>      | <b>6,370</b>    | <b>(4,600)</b>  | -            | <b>12,383</b>   | -             | <b>16,033</b>   | <b>22,257</b>   | <b>31,342</b>   |
| Preference dividends                        | 0               | 0               | 0               | 0               | -            | 0               | -             | 0               | 0               | 0               |
| Minorities                                  | 14              | 477             | (293)           | (132)           | 54.9         | (1,100)         | NM            | (1,100)         | (1,500)         | (1,500)         |
| Extraordinary items                         | (2,990)         | (19,544)        | (6,344)         | (6,825)         | -7.6         | (3,202)         | 53.1          | (3,611)         | (4,305)         | (5,138)         |
| <b>Net earnings (local GAAP)</b>            | <b>1,689</b>    | <b>(18,756)</b> | <b>(267)</b>    | <b>(11,557)</b> | <b>NM</b>    | <b>8,082</b>    | -             | <b>11,323</b>   | <b>16,452</b>   | <b>24,703</b>   |
| <b>Net earnings (UBS)</b>                   | <b>4,420</b>    | <b>(566)</b>    | <b>1,929</b>    | <b>7,993</b>    | <b>314.4</b> | <b>11,283</b>   | <b>41.2</b>   | <b>14,933</b>   | <b>20,757</b>   | <b>29,842</b>   |
| Tax rate (%)                                | 12.6            | (45.3)          | 4.7             | 0.0             | -            | 12.0            | -             | 13.0            | 14.0            | 15.0            |
| <b>Per Share (US\$)</b>                     |                 |                 |                 |                 |              |                 |               |                 |                 |                 |
| EPS (UBS, diluted)                          | 1.05            | (0.13)          | 0.42            | 1.56            | 269.6        | 2.17            | 39.0          | 2.82            | 3.84            | 5.41            |
| EPS (local GAAP, diluted)                   | 0.40            | (4.38)          | (0.06)          | (2.26)          | NM           | 1.56            | -             | 2.14            | 3.05            | 4.48            |
| EPS (UBS, basic)                            | 1.05            | (0.13)          | 0.43            | 1.56            | 266.5        | 2.17            | 39.0          | 2.82            | 3.84            | 5.41            |
| DPS (net) (US\$)                            | 0.74            | 0.37            | 0.00            | 0.00            | -            | 0.00            | -             | 0.00            | 0.00            | 0.00            |
| Cash EPS (UBS, diluted) <sup>1</sup>        | 3.33            | 2.53            | 2.99            | 4.07            | 35.9         | 4.83            | 18.8          | 5.72            | 6.99            | 8.73            |
| Book value per share                        | 24.97           | 22.93           | 23.98           | 17.54           | -26.8        | 18.85           | 7.5           | 20.76           | 23.71           | 28.23           |
| Average shares (diluted)                    | 4,210           | 4,280           | 4,559           | 5,111           | 12.1         | 5,192           | 1.6           | 5,291           | 5,401           | 5,514           |
| <b>Balance Sheet (US\$m)</b>                |                 |                 |                 |                 |              |                 |               |                 |                 |                 |
| Cash and equivalents                        | 25,034          | 22,062          | 37,416          | 32,011          | -14.4        | 26,018          | -18.7         | 30,194          | 40,174          | 65,656          |
| Other current assets                        | 18,235          | 25,262          | 26,272          | 29,273          | 11.4         | 32,591          | 11.3          | 36,282          | 42,051          | 47,059          |
| <b>Total current assets</b>                 | <b>43,269</b>   | <b>47,324</b>   | <b>63,688</b>   | <b>61,284</b>   | <b>-3.8</b>  | <b>58,609</b>   | <b>-4.4</b>   | <b>66,476</b>   | <b>82,225</b>   | <b>112,716</b>  |
| Net tangible fixed assets                   | 96,647          | 107,919         | 105,414         | 111,514         | 5.8          | 125,412         | 12.5          | 134,260         | 146,466         | 152,387         |
| Net intangible fixed assets                 | 27,591          | 24,693          | 23,912          | 20,465          | -14.4        | 20,465          | 0.0           | 20,465          | 20,465          | 20,465          |
| Investments / other assets                  | 24,065          | 16,549          | 18,415          | 18,520          | 0.6          | 18,020          | -2.7          | 18,020          | 18,020          | 18,020          |
| <b>Total assets</b>                         | <b>191,572</b>  | <b>196,485</b>  | <b>211,429</b>  | <b>211,783</b>  | <b>0.2</b>   | <b>222,506</b>  | <b>5.1</b>    | <b>239,222</b>  | <b>267,176</b>  | <b>303,588</b>  |
| Trade payables & other ST liabilities       | 25,765          | 31,937          | 29,076          | 37,008          | 27.3         | 41,272          | 11.5          | 48,618          | 60,746          | 71,750          |
| Short term debt                             | 2,288           | 3,729           | 2,499           | 3,250           | 30.1         | 2,750           | -15.4         | 2,850           | 0               | 0               |
| <b>Total current liabilities</b>            | <b>28,053</b>   | <b>35,666</b>   | <b>31,575</b>   | <b>40,258</b>   | <b>27.5</b>  | <b>44,022</b>   | <b>9.3</b>    | <b>51,468</b>   | <b>60,746</b>   | <b>71,750</b>   |
| Long term debt                              | 46,978          | 46,282          | 44,086          | 47,287          | 7.3          | 44,537          | -5.8          | 41,687          | 41,687          | 38,937          |
| Other long term liabilities                 | 6,576           | 9,505           | 9,408           | 15,077          | 60.3         | 15,077          | 0.0           | 15,077          | 15,077          | 15,077          |
| Preferred shares                            | 0               | 0               | 0               | 0               | -            | 0               | -             | 0               | 0               | 0               |
| <b>Total liabilities (incl pref shares)</b> | <b>81,607</b>   | <b>91,453</b>   | <b>85,069</b>   | <b>102,622</b>  | <b>20.6</b>  | <b>103,636</b>  | <b>1.0</b>    | <b>108,232</b>  | <b>117,510</b>  | <b>125,764</b>  |
| <b>Common s/h equity</b>                    | <b>105,590</b>  | <b>99,270</b>   | <b>114,281</b>  | <b>90,160</b>   | <b>-21.1</b> | <b>98,469</b>   | <b>9.2</b>    | <b>110,689</b>  | <b>129,066</b>  | <b>156,923</b>  |
| Minority interests                          | 4,375           | 5,762           | 12,079          | 19,001          | 57.3         | 20,401          | 7.4           | 20,301          | 20,601          | 20,901          |
| <b>Total liabilities &amp; equity</b>       | <b>191,572</b>  | <b>196,485</b>  | <b>211,429</b>  | <b>211,783</b>  | <b>0.2</b>   | <b>222,506</b>  | <b>5.1</b>    | <b>239,221</b>  | <b>267,176</b>  | <b>303,588</b>  |
| <b>Cash Flow (US\$m)</b>                    |                 |                 |                 |                 |              |                 |               |                 |                 |                 |
| Net income (before pref divs)               | 1,689           | (18,756)        | (267)           | (11,557)        | NM           | 8,082           | -             | 11,323          | 16,452          | 24,703          |
| Depreciation & amortisation                 | 9,602           | 11,379          | 11,706          | 12,787          | 9.2          | 13,802          | 7.9           | 15,352          | 16,994          | 18,279          |
| Net change in working capital               | (2,569)         | 1,103           | (1,747)         | (732)           | 58.1         | 946             | -             | 3,655           | 6,359           | 5,996           |
| Other operating                             | 2,749           | 14,562          | 5               | 18,687          | NM           | 1,758           | -90.6         | 2,270           | 3,526           | 4,565           |
| <b>Operating cash flow</b>                  | <b>11,471</b>   | <b>8,288</b>    | <b>9,697</b>    | <b>19,186</b>   | <b>97.9</b>  | <b>24,587</b>   | <b>28.2</b>   | <b>32,600</b>   | <b>43,331</b>   | <b>53,543</b>   |
| Tangible capital expenditure                | (25,750)        | (23,944)        | (14,646)        | (15,292)        | -4.4         | (27,000)        | -76.6         | (25,000)        | (30,000)        | (25,000)        |
| Intangible capital expenditure              | 0               | 0               | 0               | 0               | -            | 0               | -             | 0               | 0               | 0               |
| Net (acquisitions) & disposals              | (13)            | (82)            | 6,157           | (96)            | -            | 500             | -             | 0               | 0               | 0               |
| Other investing                             | 1,722           | 5,770           | (6,332)         | 6,519           | -            | 800             | -87.7         | 800             | 800             | 800             |
| <b>Investing cash flow</b>                  | <b>(24,041)</b> | <b>(18,256)</b> | <b>(14,821)</b> | <b>(8,869)</b>  | <b>40.2</b>  | <b>(25,700)</b> | <b>-189.8</b> | <b>(24,200)</b> | <b>(29,200)</b> | <b>(24,200)</b> |
| Equity dividends paid                       | (3,088)         | (1,599)         | 0               | 0               | -            | 0               | -             | 0               | 0               | 0               |
| Share issues / (buybacks)                   | 1,042           | 987             | 13,477          | 427             | -96.8        | (430)           | -             | (273)           | (101)           | 89              |
| Other financing                             | 3,527           | 11,063          | 1,860           | (13,575)        | -            | (1,200)         | 91.2          | (1,200)         | (1,200)         | (1,200)         |
| Change in debt & pref shares                | 7,024           | 687             | (3,750)         | 4,000           | -            | (3,250)         | -             | (2,750)         | (2,850)         | (2,750)         |
| <b>Financing cash flow</b>                  | <b>8,505</b>    | <b>11,138</b>   | <b>11,587</b>   | <b>(9,148)</b>  | -            | <b>(4,880)</b>  | <b>46.7</b>   | <b>(4,223)</b>  | <b>(4,151)</b>  | <b>(3,861)</b>  |
| <b>Cash flow inc/(dec) in cash</b>          | <b>(4,065)</b>  | <b>1,170</b>    | <b>6,463</b>    | <b>1,169</b>    | <b>-81.9</b> | <b>(5,993)</b>  | -             | <b>4,176</b>    | <b>9,980</b>    | <b>25,482</b>   |
| FX / non cash items                         | 761             | (4,142)         | 8,891           | (6,574)         | -            | 0               | -             | 0               | 0               | 0               |
| <b>Balance sheet inc/(dec) in cash</b>      | <b>(3,304)</b>  | <b>(2,972)</b>  | <b>15,354</b>   | <b>(5,405)</b>  | -            | <b>(5,993)</b>  | <b>-10.9</b>  | <b>4,176</b>    | <b>9,980</b>    | <b>25,482</b>   |

Source: Company accounts, UBS estimates. (UBS) metrics use reported figures which have been adjusted by UBS analysts.<sup>1</sup> Cash EPS (UBS, diluted) is calculated using UBS net income adding back depreciation and amortization.

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| Valuation (x)                               | 12/23          | 12/24          | 12/25          | 12/26E         | 12/27E         | 12/28E         | 12/29E         | 12/30E         |
|---------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| P/E (local GAAP, diluted)                   | NM             | NM             | NM             | NM             | 67.2           | 48.9           | 34.3           | 23.4           |
| P/E (UBS, diluted)                          | 32.2           | NM             | 62.1           | 66.9           | 48.1           | 37.1           | 27.2           | 19.3           |
| P/CEPS                                      | 10.1           | 12.3           | 8.7            | 24.7           | 20.7           | 17.5           | 14.3           | 11.5           |
| Equity FCF (UBS) yield %                    | (10.1)         | (11.8)         | (4.2)          | 0.7            | (0.5)          | 1.4            | 2.5            | 5.4            |
| Dividend yield (net) %                      | 2.2            | 1.2            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| P/BV                                        | 1.4            | 1.4            | 1.1            | 5.7            | 5.3            | 4.8            | 4.2            | 3.5            |
| EV/revenues (core)                          | 2.9            | 2.9            | 2.7            | 8.4            | 7.2            | 6.2            | 4.8            | 3.9            |
| EV/EBITDA (UBS core)                        | 11.1           | 13.6           | 9.6            | 23.6           | 19.2           | 15.9           | 12.0           | 9.3            |
| EV/EBIT (core)                              | 34.1           | NM             | 48.4           | 53.8           | 37.7           | 28.9           | 19.8           | 13.9           |
| EV/OpFCF (core)                             | NM             | NM             | NM             | 79.4           | >100           | 42.6           | 26.7           | 14.2           |
| EV/op. invested capital                     | 1.3            | 1.2            | 1.1            | 4.4            | 4.3            | 4.0            | 3.6            | 3.6            |
| <b>Enterprise value (US\$m)</b>             | <b>12/23</b>   | <b>12/24</b>   | <b>12/25</b>   | <b>12/26E</b>  | <b>12/27E</b>  | <b>12/28E</b>  | <b>12/29E</b>  | <b>12/30E</b>  |
| Market cap.                                 | 141,469        | 132,272        | 118,483        | 531,733        | 531,733        | 531,733        | 531,733        | 531,733        |
| Net debt (cash)                             | 18,973         | 18,973         | 18,973         | 18,973         | 18,973         | 18,973         | 10,645         | 10,645         |
| Buy out of minorities                       | 4,375          | 5,762          | 12,079         | 19,001         | 20,401         | 20,301         | 0              | 0              |
| Pension provisions/other                    | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |
| <b>Total enterprise value</b>               | <b>164,817</b> | <b>157,007</b> | <b>149,534</b> | <b>569,706</b> | <b>571,106</b> | <b>571,006</b> | <b>542,378</b> | <b>542,378</b> |
| Non core assets                             | (5,829)        | (5,383)        | (8,512)        | (7,910)        | (7,410)        | (7,410)        | (7,410)        | (7,410)        |
| <b>Core enterprise value</b>                | <b>158,988</b> | <b>151,624</b> | <b>141,022</b> | <b>561,796</b> | <b>563,696</b> | <b>563,596</b> | <b>534,968</b> | <b>534,968</b> |
| <b>Growth (%)</b>                           | <b>12/23</b>   | <b>12/24</b>   | <b>12/25</b>   | <b>12/26E</b>  | <b>12/27E</b>  | <b>12/28E</b>  | <b>12/29E</b>  | <b>12/30E</b>  |
| Revenue                                     | (14.0)         | (2.1)          | (0.5)          | 21.9           | 16.7           | 16.2           | 23.3           | 23.0           |
| EBITDA (UBS)                                | (31.9)         | (22.0)         | 31.4           | 56.0           | 23.4           | 20.9           | 25.9           | 28.8           |
| EBIT (UBS)                                  | (41.0)         | -              | -              | NM             | 43.1           | 30.3           | 38.4           | 42.7           |
| EPS (UBS, diluted)                          | (43.1)         | -              | -              | NM             | 39.0           | 29.9           | 36.2           | 40.8           |
| Net DPS                                     | (49.3)         | (49.3)         | (100.0)        | -              | -              | -              | -              | -              |
| <b>Margins &amp; Profitability (%)</b>      | <b>12/23</b>   | <b>12/24</b>   | <b>12/25</b>   | <b>12/26E</b>  | <b>12/27E</b>  | <b>12/28E</b>  | <b>12/29E</b>  | <b>12/30E</b>  |
| Gross profit margin                         | 43.6           | 36.0           | 36.7           | 42.0           | 43.5           | 44.4           | 45.5           | 47.5           |
| EBITDA margin                               | 26.3           | 21.0           | 27.7           | 35.4           | 37.4           | 39.0           | 39.8           | 41.7           |
| EBIT (UBS) margin                           | 8.6            | (0.5)          | 5.5            | 15.6           | 19.1           | 21.4           | 24.0           | 27.9           |
| Net earnings (UBS) margin                   | 8.2            | NM             | 3.6            | 12.4           | 15.0           | 17.1           | 19.3           | 22.5           |
| ROIC (EBIT)                                 | 3.9            | NM             | 2.3            | 8.1            | 11.4           | 13.8           | 18.4           | 25.7           |
| ROIC post tax                               | 3.2            | 1.0            | 0.8            | 8.1            | 10.0           | 12.0           | 15.8           | 21.8           |
| ROE (UBS)                                   | 4.3            | (0.6)          | 1.8            | 7.8            | 12.0           | 14.3           | 17.3           | 20.9           |
| <b>Capital structure &amp; Coverage (x)</b> | <b>12/23</b>   | <b>12/24</b>   | <b>12/25</b>   | <b>12/26E</b>  | <b>12/27E</b>  | <b>12/28E</b>  | <b>12/29E</b>  | <b>12/30E</b>  |
| Net debt / EBITDA                           | 1.7            | 2.5            | 0.6            | 0.8            | 0.8            | 0.4            | 0.0            | (0.5)          |
| Net debt / total equity %                   | 22.0           | 26.6           | 7.3            | 17.0           | 17.9           | 10.9           | 1.0            | (15.0)         |
| Net debt / (net debt + total equity) %      | 18.1           | 21.0           | 6.8            | 14.5           | 15.2           | 9.9            | 1.0            | (17.7)         |
| Net debt/EV %                               | 11.5           | 16.6           | 12.4           | 2.4            | 3.5            | 3.1            | 1.5            | (2.3)          |
| Capex / depreciation %                      | NM             | NM             | 136.2          | 129.1          | NM             | 173.5          | 186.9          | 144.2          |
| Capex / revenue %                           | NM             | NM             | 27.7           | 23.7           | NM             | 28.6           | 27.8           | 18.9           |
| EBIT / net interest                         | -              | -              | -              | 0.7            | 50.7           | 69.0           | -              | NM             |
| Dividend cover (UBS)                        | 1.4            | -              | -              | -              | -              | -              | -              | -              |
| Div. payout ratio (UBS) %                   | 70.0           | -              | -              | -              | -              | -              | -              | -              |
| <b>Revenues by division (US\$m)</b>         | <b>12/23</b>   | <b>12/24</b>   | <b>12/25</b>   | <b>12/26E</b>  | <b>12/27E</b>  | <b>12/28E</b>  | <b>12/29E</b>  | <b>12/30E</b>  |
| Others                                      | 54,228         | 53,101         | 52,853         | 64,448         | 75,192         | 87,382         | 107,761        | 132,499        |
| <b>Total</b>                                | <b>54,228</b>  | <b>53,101</b>  | <b>52,853</b>  | <b>64,448</b>  | <b>75,192</b>  | <b>87,382</b>  | <b>107,761</b> | <b>132,499</b> |
| <b>EBIT (UBS) by division (US\$m)</b>       | <b>12/23</b>   | <b>12/24</b>   | <b>12/25</b>   | <b>12/26E</b>  | <b>12/27E</b>  | <b>12/28E</b>  | <b>12/29E</b>  | <b>12/30E</b>  |
| Others                                      | 4,666          | (254)          | 2,916          | 10,030         | 14,355         | 18,700         | 25,875         | 36,926         |
| <b>Total</b>                                | <b>4,666</b>   | <b>(254)</b>   | <b>2,916</b>   | <b>10,030</b>  | <b>14,355</b>  | <b>18,700</b>  | <b>25,875</b>  | <b>36,926</b>  |

Source: Company accounts, UBS estimates. (UBS) metrics use reported figures which have been adjusted by UBS analysts.

## Forecast returns

|                             |       |
|-----------------------------|-------|
| Forecast price appreciation | 15.7% |
| Forecast dividend yield     | 0.0%  |
| Forecast stock return       | 15.7% |
| Market return assumption    | 9.4%  |
| Forecast excess return      | 6.3%  |

## Company Description

Intel Corporation is the leading producer of x86-based microprocessor chips and platforms for client computing (~50% of sales), data center (30-35%), internet of things (~5%), memory solutions (~8%), security (~1%), and programmable solutions (~3%). Its products and solutions are widely used in notebook and desktop PCs, enterprise/cloud servers, communications infrastructure equipment, mobile phones and tablets, wireless and wired connectivity products, IoT, industrial, military, and automotive applications, among others.

## Valuation Method and Risk Statement

Intel: Our PT is based on a SOTP analysis of the five contributing segments (Intel Products, Intel Foundry, Altera, Mobileye and All Other) each one valued using a tailored P/S multiple applied to F2026E revenues. NVDA has built a formidable moat for new compute-intensive workloads in the data center and could ultimately leverage its GPU architecture to more broadly displace INTC. New client and server CPUs from AMD also present a threat that we could be underestimating. We value AMD based on a NTM P/E methodology. Upside risks to our AMD thesis include higher-than-anticipated penetration into cloud/data center servers and better traction in AI. Downside risks include margin pressure in the form of aggressive price competition from Intel and an inability to effectively shift production to TSMC in a timely manner. KLAC: We use a P/E valuation methodology on KLAC. Risk to upside and downside for our universe of semiconductor and semiconductor equipment stock include macroeconomic and geopolitical environments, M&A, market share loss/gain, currency fluctuations, tax policies, amongst others. Macroeconomic conditions and a slowdown in end markets for semiconductors may lead to curtailment of spending on capital equipment and deferral/postponement of orders placed with KLAC.

## Quantitative Research Review

UBS Global Research publishes a quantitative assessment of its analysts' responses to certain questions about the likelihood of an occurrence of a number of short term factors in a product known as the 'Quantitative Research Review'. The views for this month can be found below. Views contained in this assessment on a particular stock reflect only the views on those short term factors which are a different timeframe to the 12-month timeframe reflected in any equity rating set out in this note. For previous responses please make reference to (i) previous UBS Global Research reports; and (ii) where no applicable research report was published that month, the Quantitative Research Review which can be found at <https://neo.ubs.com/quantitative>, or contact your UBS sales representative for access to the report or the Quantitative Research Team on [ubs-quant-answers@ubs.com](mailto:ubs-quant-answers@ubs.com). A consolidated report which contains all responses is also available and again you should contact your UBS sales representative for details and pricing or the Quantitative Research Team on the email above.

### Intel Corp.

| Question                                                                                                                                                                                                                                             | Response |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1. Is the industry structure facing the firm likely to improve or deteriorate over the next six months? Rate on a scale of 1-5 (1 = getting worse, 3 = no change, 5 = getting better, N/A = no view)                                                 | 4        |
| 2. Is the regulatory/government environment facing the firm likely to improve or deteriorate over the next six months? Rate on a scale of 1-5 (1 = getting tougher, 3 = no change, 5 = getting better, N/A = no view)                                | 3        |
| 3. Over the last 3-6 months in broad terms have things been improving/no change/getting worse for this stock? Rate on a scale of 1-5 (1 = getting a lot worse, 3 = not much change, 5 = getting a lot better, N/A = no view)                         | 4        |
| 4. Relative to the current CONSENSUS EPS forecast, is the next company EPS update likely to lead to: (1 = negative surprise vs consensus, 3 = in-line with consensus, 5 = positive surprise vs consensus expectations, N/A = no view)                | N/A      |
| 5. What's driving the difference?                                                                                                                                                                                                                    |          |
| 6. Relative to YOUR current earnings forecast, is there relatively greater risk at the next earnings result of: (1 = downside skew risk to earnings, 3 = equal upside or downside risk to earnings, 5 = upside skew risk to earnings, N/A = no view) | N/A      |
| 7. What's driving the difference?                                                                                                                                                                                                                    |          |
| 8. Is there an upcoming catalyst for the company over the next three months?                                                                                                                                                                         |          |
| 9. Is there an actual or approximate date for the catalyst?                                                                                                                                                                                          |          |
| 10. Is the catalyst date an actual or approximate date?                                                                                                                                                                                              |          |
| 11. What is the catalyst?                                                                                                                                                                                                                            |          |