

MediaTek (2454.TW)

Key takeaways from MediaTek pre-Computex event; data center/custom ASIC moves to center stage; reiterate Buy

2454.TW 12m Price Target: **NT\$5,000.00** Price: **NT\$4,310.00** Upside: **16.0%**

We attended MediaTek's pre-Computex event on 29 May, where management walked through the company's positioning across cloud and edge under the "One MediaTek" framework. The central narrative was MediaTek's transformation "from edge to cloud": **building on a dominant edge/device franchise (#1 in smartphone SoC and in smart-home connectivity), it is now carrying that compute and connectivity IP up into the data center, while agentic AI simultaneously pushes more intelligence back down to all edge devices.** Management now see its TAM expanding from a US\$60-70bn TAM in 2020 towards US\$200bn+ as Generative AI becomes the key semiconductor demand driver.

Management also reiterated **US\$2bn data center/AI ASIC revenue in 2026 and a US\$70-80bn 2027 ASIC TAM with a 10-15% market share target** — the same figures it had raised guidance to at its 1Q26 analyst meeting on 30 April. The value of this event, in our view, was the deeper technical showcase of MediaTek's full-stack custom-ASIC capability (SerDes, XPU, packaging, memory, interconnect) and the clear articulation of its ecosystem role via various collaborations such as NVLink Fusion and Microsoft micro-LED AOC. Please see below for our takeaways.

See also: [MediaTek \(2454.TW\) The AI ASIC upcycle is just getting started; substantial upside potential into 2028E; reiterate Buy with TP up to NT\\$5,000 \(1 May 2026\)](#)

Datacenters: technical depth reinforces the full-stack story

Management framed the Datacenter & Compute business opportunity around three pillars — data center solutions (custom silicon and standard product), compute (PC SoCs, including CPUs for Chrome-based PCs), and IoT — each described as a multi-billion-dollar, hyper-growth business transformed by AI build-out. On the data center numbers, management reiterated the US\$2bn 2026 revenue, US\$70-80bn 2027 ASIC TAM and 10-15%

BUY

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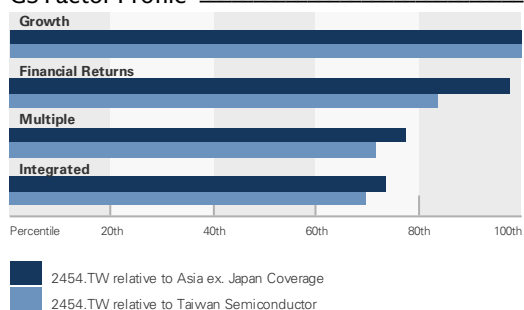
Key Data

Market cap: NT\$6.9tr / \$218.2bn
Enterprise value: NT\$6.6tr / \$210.4bn
3m ADTV: NT\$30.4bn / \$961.6mn
Taiwan Semiconductor
M&A Rank: 3
Leases incl. in net debt & EV?: No

GS Forecast

	12/25	12/26E	12/27E	12/28E
Revenue (NT\$ mn)	595,965.7	673,339.8	1,084,001.9	2,288,915.5
EBITDA (NT\$ mn)	126,444.1	124,464.2	255,827.4	774,133.2
EPS (NT\$)	66.17	63.29	132.18	406.51
P/E (X)	20.7	68.1	32.6	10.6
P/B (X)	5.5	17.4	13.7	6.8
Dividend yield (%)	5.5	1.2	2.6	8.0
N debt/EBITDA (ex lease,X)	(1.9)	(2.0)	(1.5)	(1.1)
CROCI (%)	54.0	35.5	68.2	182.8
FCF yield (%)	6.7	1.8	3.3	8.9
EPS (NT\$)	15.17	13.82	12.44	21.86

GS Factor Profile



Source: Company data, Goldman Sachs Research estimates.
See disclosures for details.

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BUY

MediaTek (2454.TW)

Rating since Feb 5, 2026

Ratios & Valuation

	12/25	12/26E	12/27E	12/28E
P/E (X)	20.7	68.1	32.6	10.6
P/B (X)	5.5	17.4	13.7	6.8
FCF yield (%)	6.7	1.8	3.3	8.9
EV/EBITDAR (X)	15.5	53.2	25.4	7.8
EV/EBITDA (excl. leases) (X)	15.5	53.2	25.4	7.8
CROCI (%)	54.0	35.5	68.2	182.8
ROE (%)	26.4	25.2	46.6	84.8
Net debt/equity (%)	(57.3)	(62.5)	(73.2)	(82.8)
Net debt/equity (excl. leases) (%)	(57.3)	(62.5)	(73.2)	(82.8)
Interest cover (X)	173.3	270.7	533.9	1,795.4
Days inventory outst, sales	38.5	50.3	43.5	43.9
Receivable days	36.9	56.2	51.8	53.5
Days payable outstanding	179.5	219.1	188.2	180.5
DuPont ROE (%)	25.7	24.7	40.8	62.7
Turnover (X)	0.8	0.8	1.1	1.1
Leverage (X)	1.8	2.1	2.0	2.0
Gross cash invested (ex cash) (NT\$)	324,106.7	324,729.0	331,094.9	389,835.0
Average capital employed (NT\$)	188,602.2	163,907.3	145,605.7	157,845.2
BVPS (NT\$)	249.76	248.23	315.20	636.22

Growth & Margins (%)

	12/25	12/26E	12/27E	12/28E
Total revenue growth	12.3	13.0	61.0	111.2
EBITDA growth	2.5	(1.6)	105.5	202.6
EPS growth	(1.2)	(4.3)	108.8	207.5
DPS growth	39.7	(28.9)	108.8	207.5
EBIT margin	17.4	15.1	21.7	33.0
EBITDA margin	21.2	18.5	23.6	33.8
Net income margin	17.7	15.0	19.4	28.3

Price Performance**Income Statement (NT\$ mn)**

	12/25	12/26E	12/27E	12/28E
Total revenue	595,965.7	673,339.8	1,084,001.9	2,288,915.5
Cost of goods sold	(312,885.7)	(364,360.4)	(593,643.4)	(1,224,190.0)
SG&A	(31,303.9)	(34,871.3)	(42,010.4)	(49,468.1)
R&D	(148,306.4)	(172,261.5)	(213,494.5)	(260,777.2)
Other operating inc./exp.)	—	—	—	—
EBITDA	126,444.1	124,464.2	255,827.4	774,133.2
Depreciation & amortization	(22,974.4)	(22,617.6)	(20,973.9)	(19,653.0)
EBIT	103,469.7	101,846.6	234,853.5	754,480.2
Net interest inc./exp.)	10,222.3	10,317.1	10,285.0	10,306.1
Income/(loss) from associates	785.0	—	—	—
Pre-tax profit	124,887.8	118,216.1	251,138.4	770,786.3
Provision for taxes	(18,770.2)	(16,642.6)	(39,924.1)	(122,845.8)
Minority interest	(798.3)	(816.3)	(793.9)	(795.0)
Preferred dividends	—	—	—	—
Net inc. (pre-exceptionals)	105,319.3	100,757.3	210,420.4	647,145.4
Post-tax exceptionals	—	—	—	—
Net inc. (post-exceptionals)	105,319.3	100,757.3	210,420.4	647,145.4
EPS (basic, pre-exception) (NT\$)	66.17	63.29	132.18	406.51
EPS (diluted, pre-exception) (NT\$)	66.17	63.29	132.18	406.51
EPS (basic, post-exception) (NT\$)	66.17	63.29	132.18	406.51
EPS (diluted, post-exception) (NT\$)	66.17	63.29	132.18	406.51
DPS (NT\$)	75.05	53.40	111.51	342.96
Div. payout ratio (%)	113.4	84.4	84.4	84.4

Balance Sheet (NT\$ mn)

	12/25	12/26E	12/27E	12/28E
Cash & cash equivalents	235,290.1	255,638.2	378,452.9	855,055.7
Accounts receivable	68,597.0	138,731.7	169,206.0	502,374.1
Inventory	67,234.6	118,171.8	140,401.7	409,800.3
Other current assets	26,334.6	26,334.6	26,334.6	26,334.6
Total current assets	397,456.2	538,876.4	714,395.1	1,793,564.6
Net PP&E	60,427.4	52,057.1	45,330.5	39,924.7
Net intangibles	80,261.7	70,014.4	59,767.1	49,519.8
Total investments	168,911.6	168,911.6	168,911.6	168,911.6
Other long-term assets	36,727.9	36,727.9	36,727.9	36,727.9
Total assets	743,784.8	866,587.4	1,025,132.2	2,088,648.7
Accounts payable	156,525.1	280,974.8	331,313.0	879,139.6
Short-term debt	940.0	940.0	940.0	940.0
Short-term lease liabilities	—	—	—	—
Other current liabilities	145,884.7	145,884.7	145,884.7	145,884.7
Total current liabilities	303,349.8	427,799.5	478,137.8	1,025,964.3
Long-term debt	60.0	60.0	60.0	60.0
Long-term lease liabilities	—	—	—	—
Other long-term liabilities	31,180.0	31,180.0	31,180.0	31,180.0
Total long-term liabilities	31,240.0	31,240.0	31,240.0	31,240.0
Total liabilities	334,589.8	459,039.5	509,377.7	1,057,204.3
Preferred shares	—	—	—	—
Total common equity	400,601.0	398,137.6	505,550.3	1,020,445.2
Minority interest	8,594.0	9,410.3	10,204.2	10,999.3
Total liabilities & equity	743,784.8	866,587.4	1,025,132.2	2,088,648.7
Net debt, adjusted	(234,290.1)	(254,638.2)	(377,452.9)	(854,055.7)

Cash Flow (NT\$ mn)

	12/25	12/26E	12/27E	12/28E
Net income	105,319.3	100,757.3	210,420.4	647,145.4
D&A add-back	22,974.4	22,617.6	20,973.9	19,653.0
Minority interest add-back	798.3	816.3	793.9	795.0
Net (inc)/dec working capital	(20,302.7)	3,377.7	(2,365.9)	(54,740.1)
Other operating cash flow	54,003.6	—	—	—
Cash flow from operations	162,792.9	127,568.8	229,822.3	612,853.4
Capital expenditures	(15,059.1)	(4,000.0)	(4,000.0)	(4,000.0)
Acquisitions	(1,141.7)	—	—	—
Divestitures	—	—	—	—
Others	(21,553.1)	—	—	—
Cash flow from investing	(37,754.0)	(4,000.0)	(4,000.0)	(4,000.0)
Repayment of lease liabilities	—	—	—	—
Dividends paid (common & pref)	(86,069.6)	(103,220.7)	(103,007.7)	(132,250.5)
Inc/(dec) in debt	60.0	—	—	—
Other financing cash flows	(7,435.1)	0.0	0.0	0.0
Cash flow from financing	(93,444.7)	(103,220.7)	(103,007.7)	(132,250.5)
Total cash flow	31,594.2	20,348.1	122,814.6	476,602.8
Free cash flow	147,733.8	123,568.8	225,822.3	608,853.4

Source: Company data, Goldman Sachs Research estimates.

share target first raised at the 1Q26 analyst meeting. Management sees such rapid growth in TAM being supported by the accelerating capex from Top 4 Hyperscalers, and **MediaTek has won multiple large programs with very strong pipelines of new programs coming in**, driving its confidence in capturing the 10-15% of market share in a short period of time. Overall, management positioned MediaTek not as a newcomer but as a custom-silicon vendor since 2015: having started in networking ASIC, it has progressively built strong capabilities in developing complex multi-die solutions, which now underpin its full-stack solutions.

Full-stack custom ASIC capability, not just an XPU design house

Management highlighted that MediaTek can supply the entire stack required for a competitive AI accelerators. On SerDes, in which MediaTek is best-in-class, its 224Gbps solution is now available across multiple process nodes and is now ready for production. On XPU, **MediaTek works on both training and inference accelerators**, integrating high-speed SerDes and optical/electrical interfaces beyond just logic and HBM, and is working on designs of more than 10x reticle size today. On packaging, **MediaTek supports TSMC CoWoS and is one of very few vendors to also support EMIB, positioning itself as a “one-stop shop” while also exploring Co-Packaged Optics (CPO)**. On interconnect, it spans on-package die-to-die (UCIe, Mlink), on-board chip-to-chip (PCIe, micro-LED), and off-board (Ethernet, CPO solutions). In our view, the breadth of MediaTek’s product suites reduces customer’s integration risk and support both project wins and dollar content growth per design.

NVLink Fusion and Microsoft AOC partnership extend the ecosystem positioning

MediaTek showcased two industry partnerships (Nvidia/Microsoft) during the event. For Nvidia’s **NVLink Fusion**, a customer can develop custom silicon with MediaTek, which provides an ASIC template for the XPU and integrate a chip-to-chip interface that allows the design to move beyond the ASIC tray into the Nvidia NV switch tray, paving the way for scalable rack-to-rack solutions and then use Infiniband or Ethernet to scale out the rest of the datacenters solution. This integration enables faster-time-to-market for custom silicon that operate with Nvidia rack-level infrastructure. Separately, management also introduced an **active optical cable (AOC) solution** that adopts micro-LED, which is co-developed with Microsoft. Management claims that the AOC solution enjoys 50% power reduction vs. VCSEL-based solution, while offering the reliability of copper with much further reach. Lastly, management clarified that MediaTek is not launching its own rack-level solution; rather it provides adjacent solutions, such as retimers, AOC, NVLink Fusion, to shorten time-to-market for customers beyond the largest four CSPs.

Compute: winning the “agentic PC era”

Management claimed that the compute business has grown +80% YoY and just crossed US\$1bn in revenue, spanning tablets, Chromebooks, and AI workstations. Management also flagged strong interest in the Nvidia DGX Spark, supported by robust generative and agentic AI workload. Another key highlight is that **MediaTek’s market share in Chromebook CPU has risen significantly from 8% in 2023 to 30% in 2025, and expected to reach 50%+ in 2026**. Management has positioned Kompanio (MediaTek’s SoC solution for Chromebook) as one of the most-powerful mainstream CPU with longest battery life, which is expected to best supports Google’s Gemini model going

forward.

Automotive: Dimensity AX and the shift to AI-defined vehicles

Management detailed the Dimensity AX platform across cockpit, connectivity, and components. The cockpit platform pairs a MediaTek compute die with an Nvidia GPU die on CoWoS packaging, supporting Nvidia CUDA ecosystem, while the connect platform covers NR-NTN satellite connectivity, 5G-A, WiFi 8, and dual-Bluetooth technologies. On traction, management cited 20+ OEM partnerships and 35m+ cars already using MediaTek solution, with the business up 385% over the past five years.

The bigger strategic message was the industry's shift from software-defined vehicles (SDV) to AI-defined vehicles (AIDV) - vehicles whose features are enabled by AI and whose tasks are carried out by intelligent agents running rapidly evolving models. Management characterized an AIDV by four traits: **1)** multi-model experiences that sense beyond voice input to take in sight, sounds, emotion, health and the surrounding environment, **2)** proactive, always-on services that anticipate the user's need, **3)** concurrent execution of complex tasks across multiple users and scenarios than one at a time, and **4)** hybrid edge-to-cloud compute rather than purely local processing. To deliver this, MediaTek's Dimensity AX platform provides powerful, concurrent multi-model inference at up to 400 TOPS, with AI-bandwidth meaningfully reduced via compression and a multi-core GPU. Net net, MediaTek positioned the Dimensity AX family as purpose-built to support the transition toward AI-defined vehicles.

Edge: device leadership as the anchor, AI glasses as the next platform

Management reinforced MediaTek's edge breadth as both a profit anchor and an on-ramp for agentic AI. It has been the number one smartphone SoC vendor for more than five years, with growth driven by the premium and flagship segment, and its next flagship moving to TSMC N2 in 3Q26. In connectivity, it continues to extend its lead from WiFi 6 through 7, with WiFi 8 expected to be introduced in 2028, and it also claimed to have the number one global market share in smart-home devices. **The clearest new edge platform is AI glasses, which management framed as a major opportunity growing from around 10mn units worldwide in 2025 towards 100mn units a year in 2030**, and as a natural extension of its edge franchise as agentic AI brings more intelligence to all devices. Here MediaTek leans on its 3D low-power computing IP, and the main challenges it flagged are battery life, a form factor small enough for stylish designs, and proactive AI that can sense the surrounding environment. Taken together with its leadership in smartphones, connectivity and the smart home, AI glasses are becoming the next platform that will keep MediaTek at the center of the edge as agentic AI proliferates.

Investment Thesis, Price Target Risks and Methodology

Investment Thesis - Mediatek

MediaTek is a leading global IC design house specializing in smartphone AP (application processor). We have a positive stance on MediaTek, viewing it as well-positioned to transition from a traditional smartphone application provider to an AI-focused vendor, beginning with AI smartphones and extending to enterprise ASICs and smart automotive solutions (in partnership with NVIDIA) in 2025 and beyond. We expect MediaTek to achieve solid multi-year growth, where we expect revenue and earnings to increase by 40%/57% CAGRs, respectively, in 2025–28E. This growth will be primarily driven by: 1) market share gains, particularly in the premium segment (specifically high-end 5G flagship SoCs), 2) strong ramp in AI ASIC business, and 3) new TAM in automotive/computing sectors.

Price Target Risks and Methodology - MediaTek (2454.TW)

Valuation: We have a 12m TP of NT\$5,000. Our TP is based on a target P/E multiple of 25x (1.8 stdv above its 5-year trading average) applied to our 2H27E–1H28E EPS.

Key risks to our views: (1) Weaker-than-expected end demand especially with smartphones, (2) Higher foundry cost to impact its margin outlook, (3) Intensifying competition would result in change in profitability as competition would normally lead to change in pricing dynamics, and (4) Slower ramp in ASIC would result in changes in operating leverage

Disclosure Appendix

Reg AC

We, Bruce Lu, Evelyn Yu and Ryan Huang, CFA, hereby certify that all of the views expressed in this report accurately reflect our personal views about the subject company or companies and its or their securities. We also certify that no part of our compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in this report.

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Growth is based on a stock's forward-looking sales growth, EBITDA growth and EPS growth (for financial stocks, only EPS and sales growth), with a higher percentile indicating a higher growth company. **Financial Returns** is based on a stock's forward-looking ROE, ROCE and CROCI (for financial stocks, only ROE), with a higher percentile indicating a company with higher financial returns. **Multiple** is based on a stock's forward-looking P/E, P/B, price/dividend (P/D), EV/EBITDA, EV/FCF and EV/Debt Adjusted Cash Flow (DACF) (for financial stocks, only P/E, P/B and P/D), with a higher percentile indicating a stock trading at a higher multiple. The **Integrated** percentile is calculated as the average of the Growth percentile, Financial Returns percentile and (100% - Multiple percentile).

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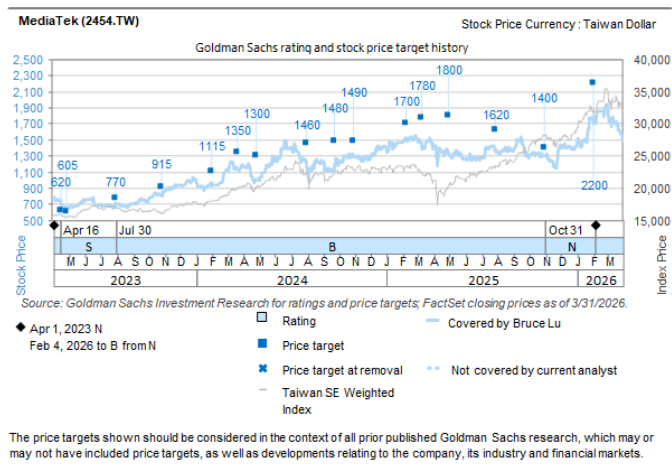
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Price target and rating history chart(s)



Target price history table(s)

MediaTek (2454.TW)

Date of report	Target price (NT\$)	Closing price (NT\$)
30-Apr-26	5,000.00	2,610.00
16-Apr-26	2,454.00	1,895.00
04-Feb-26	2,200.00	1,800.00
31-Oct-25	1,400.00	1,310.00
30-Jul-25	1,620.00	1,380.00
30-Apr-25	1,800.00	1,350.00
10-Mar-25	1,780.00	1,395.00
07-Feb-25	1,700.00	1,525.00
30-Oct-24	1,490.00	1,290.00
24-Sep-24	1,480.00	1,195.00
31-Jul-24	1,460.00	1,220.00
26-Apr-24	1,300.00	1,005.00
21-Mar-24	1,350.00	1,140.00
31-Jan-24	1,115.00	966.00
27-Oct-23	915.00	801.00
30-Jul-23	770.00	658.00

Price targets shown in table(s) are unadjusted for corporate actions.

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