廣發証券(香港)經紀有限公司
GF SECURITIES (HONG KONG) BROKERAGE LIMITED

# AMD (AMD US)

Maintained **Buy**

Target price US$720

## Raised Server CPU and AI Outlook Offsets PC Softness

**Maintain TP of $720, retain Buy:** On Nov 3, AMD delivered better than feared 4Q26 guidance, as the market expectations were lowered post Intel's earnings on Oct 29, and provided positive outlook on server CPU, datacenter GPU and the overall AI demand. Driven by the trend of agentic AI and the increase in supply, the company guided the revenue to grow by greater than 80% YoY in 2027, along with the raise in server CPU outlook to >100% YoY. That said, we remain bullish on the stock, backed by robust server CPU TAM, 2nm CPU product cycle, wafer supply increase (amid our view of loosening N2 supply), MI450/MI455X ramp-up and lowered expectations for PC. By factoring in results, guidance and lower OPEX, we revise EPS estimates by +3%/+5% in 2026E/2027E while maintain TP at $720, now based a lower multiple of 38x 2027E EPS, implying 27x 2028E EPS, due to lowered capex outlook (see our report of CSP Capex Wrap-up on Nov 2).

**4Q26 guidance better than feared, +80% YoY in 2027:** AMD posted strong 3Q26 with revenue of $13.38bn (+45% YoY, vs. guidance of $13bn, consensus 13.1bn, our estimate of $13.3bn), non-GAAP EPS of $2.1 (+74% YoY, vs. consensus of $1.95) and non-GAAP gross margin at 56%, driven by Datacenter which was $8.5bn (+97% YoY), led by EPYC CPUs and the MI450 GPU ramp. For 4Q26 guidance, it guided sales of ~$17bn ±3% (vs. Bloomberg consensus $16.2bn, Buy-side $16.5-$17.0bn, our estimate of $17.6bn) implies ~66% YoY and ~27% QoQ and non-GAAP gross margin near 55%. Due to the lowered expectation post Intel's earnings, we believe AMD's guidance will be read positively. For 2027, the company expects total revenue to grow greater than 80%, with Datacenter accounting for more than 80%.

**Mgmt raised its datacenter outlook reflecting customer commitments and improved supply:** CEO Lisa Su suggested server revenue is expected to double YoY in 2027 (vs. prior view of more than 70% YoY, our estimate of 109%), while datacenter AI revenue is projected to grow "significantly more than double", driven by the ramp of MI450/Helios (shipping in revenue with a ramp in 4Q26/1Q27), the Venice CPU ramp, and supply secured across wafers, substrates, advanced packaging, and memory. Looking further ahead, the company sees high client interest in MI500, and we still expect the spec of dual-die/12-Hi HBM and quad-die/8-Hi (high-end with NPO scale-up) in late 2027, to address both mainstream and high performance.

**Risks:** 1) AI demand slowdown; 2) new product delay; 3) peer competition.

Profit forecast

| US$ m | FY2024 | FY2025 | FY2026E | FY2027E | FY2028E |
|---|---|---|---|---|---|
| Revenue | 25,785 | 34,639 | 52,682 | 104,000 | 145,898 |
| Revenue YoY (%) | 13.7 | 34.3 | 52.1 | 97.4 | 40.3 |
| Net Profit | 5,420 | 6,831 | 13,695 | 32,326 | 47,181 |
| Net Profit YoY (%) | 26.0 | 26.0 | 100.5 | 136.0 | 46.0 |
| EPS | 3.31 | 4.17 | 8.25 | 19.07 | 26.81 |
| P/E | 107.4 | 85.1 | 43.0 | 18.6 | 13.3 |
| ROE (%) | 9.4 | 10.8 | 18.3 | 31.5 | 33.2 |

Source: Company data, GF Securities (Hong Kong) Brokerage.

**Jeff Pu, CFA**
SFC CE no: BNO719
jeffpu@gfgroup.com.hk

**Henry Huang**
SFC CE no: BYA749
henryhuang@gfgroup.com.hk

## Earnings Forecast

### 3Q26 Results Above Expectations

AMD delivered a record third quarter that beat expectations, underscoring the company's accelerating shift toward datacenter. Revenue reached $13.38bn, up 45% YoY and above the high end of prior guidance as well as the roughly $13.1bn consensus and slightly higher than our forecast of $13.3bn. Non-GAAP EPS came in at $2.1 (up 74% YoY), vs. expectations of $1.95, with non-GAAP gross margin at 56%. Segment wise, Data Center was the driver at a record $8.5bn (+97% YoY, 64% of total revenue), fueled by strong EPYC server CPU demand and the initial ramp of Instinct MI450 GPUs. Client & Gaming revenue was $3.7bn (–8% YoY), with Client at $2.9bn (+7% YoY on Ryzen mobile) offset by Gaming at $773mn (–40% YoY on lower semi-custom and graphics). Embedded rose 29% to $1.1bn.

### 4Q26 Guidance Better than Feared

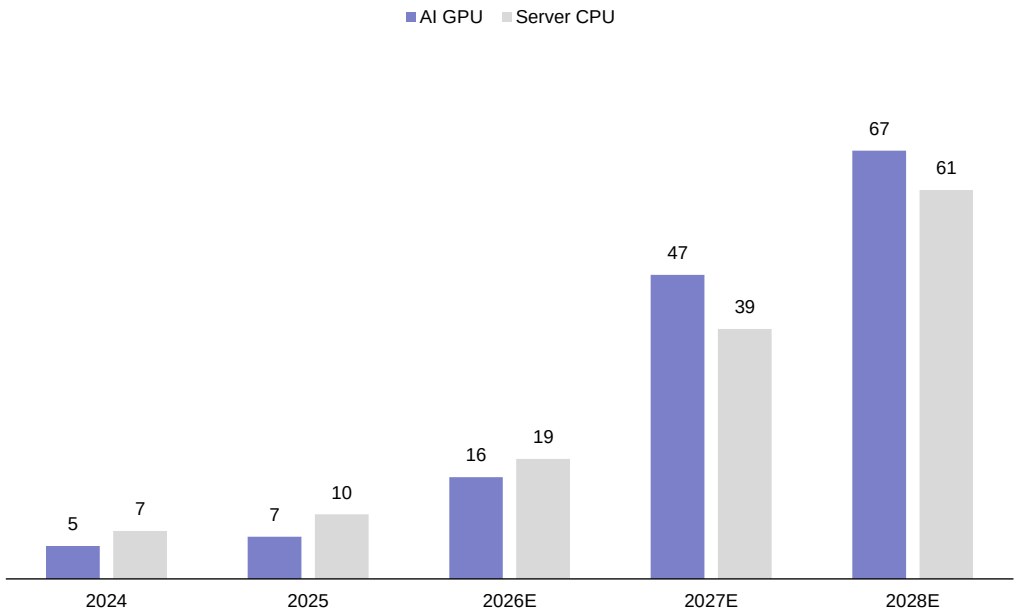
For 4Q26, AMD guided revenue to approximately $17bn (±3%), implying ~66% YoY and ~27% sequential growth at the midpoint—well above the ~$16.2bn Bloomberg consensus (vs. our forecast of $17.6bn), with non-GAAP gross margin expected around 55%.

**Figure 1: 3Q26 Results Review**

| USD mn | 3Q26 | 2Q26 | QoQ | 3Q25 | YoY | GFHK | Diff | Cons. | Diff |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | 13,377 | 11,536 | 16.0% | 9,246 | 44.7% | 13,327 | 0.4% | 13,079 | 2.3% |
| Gross profit | 7,483 | 6,488 | 15.3% | 4,992 | 49.9% | 7,472 | 0.1% | 7,337 | 2.0% |
| OPEX | 3,560 | 3,394 | 4.9% | 2,754 | 29.3% | 3,650 | -2.5% | 3,661 | -2.8% |
| Operating profit | 3,923 | 3,094 | 26.8% | 2,238 | 75.3% | 3,822 | 2.6% | 3,676 | 6.7% |
| Pre-tax profit | 2,953 | 2,347 | 25.8% | 1,672 | 76.6% | 3,877 | -23.8% | 3,711 | -20.4% |
| Net profit | 3,471 | 2,760 | 25.8% | 1,965 | 76.6% | 3,373 | 2.9% | 3,253 | 6.7% |
| EPS (US$) | 2.09 | 1.66 | 25.9% | 1.20 | 74.2% | 2.03 | 3.0% | 1.97 | 6.1% |
| | | | ppt | | ppt | | ppt | | ppt |
| Gross Margin | 55.9% | 56.2% | -0.3 | 54.0% | 1.9 | 56.1% | -0.2 | 56.1% | -0.2 |
| Operating Margin | 29.3% | 26.8% | 2.5 | 24.2% | 5.1 | 28.7% | 0.6 | 28.1% | 1.2 |
| Pretax margin | 22.1% | 20.3% | 1.8 | 18.1% | 4.0 | 29.1% | -7.0 | 28.4% | -6.3 |
| Net margin | 25.9% | 23.9% | 2.0 | 21.3% | 4.6 | 25.3% | 0.6 | 24.9% | 1.0 |

Sources: Company data, GF Securities (Hong Kong) Brokerage

**Figure 2: AMD's server CPU and GPU revenue (USD bn)**




Sources: Company data, GF Securities (Hong Kong) Brokerage

## Earnings Revision

By factoring in results, guidance and lower OPEX, we revise EPS estimates by +3%/+5% in 2026E/2027E.

**Figure 3: Earnings revision**

| USD m | 2025 | 2026E | | 2027E | | Change (%) | |
|---|---|---|---|---|---|---|---|
| | | Old | New | Old | New | 2026E | 2027E |
| Net sales | 34,639 | 52,707 | 52,682 | 103,153 | 104,000 | 0% | 1% |
| Gross profit | 18,165 | 29,451 | 29,320 | 57,204 | 57,077 | 0% | 0% |
| EBIT | 7,768 | 14,962 | 15,471 | 34,704 | 37,077 | 3% | 7% |
| Pre-tax Income | 6,663 | 13,712 | 13,203 | 34,924 | 37,157 | -4% | 6% |
| Net profit | 6,831 | 13,236 | 13,695 | 30,384 | 32,326 | 3% | 6% |
| EPS (US$) | 4.17 | 7.98 | 8.25 | 18.07 | 19.07 | 3% | 6% |
| **Key ratios (%)** | | | | | | | |
| Gross margin | 52.4% | 55.9% | 55.7% | 55.5% | 54.9% | | |
| Operating margin | 22.4% | 28.4% | 29.4% | 33.6% | 35.7% | | |
| Pre-tax margin | 19.2% | 26.0% | 25.1% | 33.9% | 35.7% | | |
| Net profit margin | 19.7% | 25.1% | 26.0% | 29.5% | 31.1% | | |

Sources: Company data, GF Securities (Hong Kong) Brokerage

**Figure 4: AMD's P&L forecast**

| (USD m) | 2025 | 1Q26 | 2Q26 | 3Q26 | 4Q26E | 2026E | 1Q27E | 2Q27E | 3Q27E | 4Q27E | 2027E |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sales | **34,639** | 10,253 | 11,536 | 13,377 | 17,516 | **52,682** | 21,706 | 25,179 | 27,527 | 29,588 | **104,000** |
| COGS | **16,474** | 4,568 | 5,048 | 5,894 | 7,852 | **23,362** | 9,920 | 11,366 | 12,390 | 13,247 | **46,923** |
| Gross profit | **18,165** | 5,685 | 6,488 | 7,483 | 9,664 | **29,320** | 11,786 | 13,812 | 15,137 | 16,341 | **57,077** |
| OPEX | **10,397** | 3,145 | 3,394 | 3,560 | 3,750 | **13,849** | 4,300 | 4,800 | 5,200 | 5,700 | **20,000** |
| Operating profit | **7,768** | 2,540 | 3,094 | 3,923 | 5,914 | **15,471** | 7,486 | 9,012 | 9,937 | 10,641 | **37,077** |
| Non-operating profit | **-1,105** | -613 | -747 | -970 | 62 | **-2,268** | 20 | 20 | 20 | 20 | **80** |
| Pre-tax profit | **6,663** | 1,927 | 2,347 | 2,953 | 5,976 | **13,203** | 7,506 | 9,032 | 9,957 | 10,661 | **37,157** |
| Income tax | **-168** | -338 | -413 | -518 | 777 | **-492** | 976 | 1174 | 1294 | 1386 | **4,830** |
| Minority interest | **0** | 0 | 0 | 0 | 0 | **0** | 0 | 0 | 0 | 0 | **0** |
| Non-GAAP Net income | **6,831** | 2,265 | 2,760 | 3,471 | 5,199 | **13,695** | 6,530 | 7,858 | 8,662 | 9,275 | **32,326** |
| Non-GAAP EPS (USD$) | **4.17** | 1.37 | 1.66 | 2.09 | 3.12 | **8.25** | 3.90 | 4.66 | 5.09 | 5.40 | **19.07** |
| Outstanding shares | **1,637** | 1,650 | 1,659 | 1,661 | 1,668 | **1,660** | 1,677 | 1,685 | 1,702 | 1,718 | **1,695** |
| **Margin analysis** | | | | | | | | | | | |
| Gross margin | **52.4%** | 55.4% | 56.2% | 55.9% | 55.2% | **55.7%** | 54.3% | 54.9% | 55.0% | 55.2% | **54.9%** |
| Operating margin | **22.4%** | 24.8% | 26.8% | 29.3% | 33.8% | **29.4%** | 34.5% | 35.8% | 36.1% | 36.0% | **35.7%** |
| Pre-tax margin | **19.2%** | 18.8% | 20.3% | 22.1% | 34.1% | **25.1%** | 34.6% | 35.9% | 36.2% | 36.0% | **35.7%** |
| Effective tax rate | **-2.5%** | -17.5% | -17.6% | -17.5% | 13.0% | **-3.7%** | 13.0% | 13.0% | 13.0% | 13.0% | **13.0%** |
| **Growth (% YoY)** | | | | | | | | | | | |
| Sales | **34%** | 38% | 50% | 45% | 71% | **52%** | 112% | 118% | 106% | 69% | **97%** |
| Operating profit | **28%** | 43% | 245% | 75% | 107% | **99%** | 195% | 191% | 153% | 80% | **140%** |
| Net income | **26%** | 45% | 253% | 77% | 106% | **100%** | 188% | 185% | 150% | 78% | **136%** |
| EPS | **26%** | 43% | 247% | 75% | 104% | **98%** | 184% | 180% | 144% | 73% | **131%** |
| **Product mix (%)** | | | | | | | | | | | |
| Data Center | **52%** | 56% | 58% | 64% | 77% | **65%** | 81% | 82% | 83% | 85% | **83%** |
| Client | **30%** | 28% | 27% | 22% | 13% | **21%** | 11% | 10% | 10% | 8% | **9%** |
| Gaming | **8%** | 7% | 7% | 6% | 3% | **5%** | 3% | 4% | 3% | 2% | **3%** |
| Embedded | **9%** | 9% | 8% | 8% | 7% | **8%** | 5% | 5% | 5% | 4% | **5%** |

Sources: Company data, GF Securities (Hong Kong) Brokerage

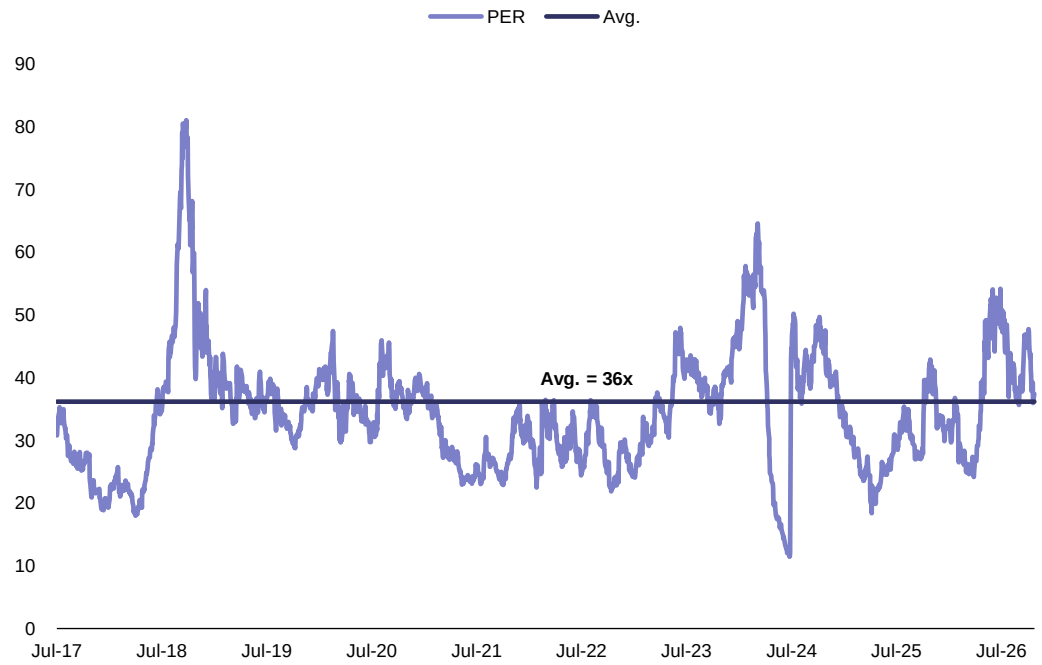
## Valuation and Recommendation

**Maintain Buy with TP up to $720**

We rate AMD (AMD US) Buy and set our TP at $720, which is based on 38x our 2027E EPS, or 27x 2028E EPS estimate, lower than our earlier multiple of 40x 2027 EPS due to lower CSP Capex outlook in 2028. Yet, we still expect to deliver >50% earnings CAGR and enhanced competitive positioning into MI455/MI500 and agentic AI product cycle. We adopt P/E methodology as we believe the market will be mainly focused on the company's earnings outlook, and we usually apply P/E method to fabless firms.

AMD's P/E traded at an average of 36x since 2017 and 38x since 4Q22, when the AI cycle started. Our target price multiple is inline average level of its AI cycle, despite the fact that the average P/E was distorted by the overly optimistic sentiment of its MI300 cycle in 4Q23-1H24. Further upside or downside to valuation remains the margin trends and how the company executes the MI455 including the rack solution.

**Figure 5: AMD's 12-month forward P/E**




Sources: Company data, GF Securities (Hong Kong) Brokerage

**Risks**

1) AI demand slowdown; 2) new product delay; 3) peer competition.

## Balance Sheet

US$ m

| As of Dec 31 | FY24 | FY25 | FY26E | FY27E | FY28E |
|---|---|---|---|---|---|
| **Current assets** | **19,049** | **26,947** | **33,734** | **60,089** | **90,227** |
| Cash and cash equivalents | 5,132 | 10,552 | 9,613 | 12,085 | 23,692 |
| Inventory | 5,734 | 7,920 | 11,232 | 22,559 | 30,839 |
| Accounts receivable | 6,192 | 6,315 | 9,604 | 18,960 | 26,599 |
| Other current assets | 1,991 | 2,160 | 3,285 | 6,485 | 9,098 |
| **Non-current assets** | **50,177** | **49,979** | **64,791** | **77,291** | **89,791** |
| Long-term equity investment | 149 | 0 | 11,000 | 22,000 | 33,000 |
| Fixed assets | 2,425 | 2,312 | 6,124 | 7,624 | 9,124 |
| Other long-term assets | 47,603 | 47,667 | 47,667 | 47,667 | 47,667 |
| **Total assets** | **69,226** | **76,926** | **98,525** | **137,380** | **180,018** |
| **Current liabilities** | **7,281** | **9,455** | **15,720** | **28,012** | **35,938** |
| Accounts payable | 2,466 | 2,929 | 4,154 | 8,343 | 11,405 |
| Short-term borrowings | 0 | 874 | 2,970 | 2,700 | 727 |
| Other current liabilities | 4,815 | 5,652 | 8,596 | 16,970 | 23,806 |
| **Non-current liabilities** | **4,377** | **4,472** | **7,993** | **6,830** | **1,961** |
| Long-term debt | 1,721 | 2,348 | 6,931 | 6,299 | 1,696 |
| Other non-current liabilities | 2,656 | 2,124 | 1,062 | 531 | 266 |
| **Total liabilities** | **11,658** | **13,927** | **23,713** | **34,842** | **37,899** |
| **Total equity** | **57,568** | **62,999** | **74,812** | **102,538** | **142,120** |
| Share capital | 61,379 | 63,382 | 62,500 | 60,901 | 59,301 |
| Reserves | -6,106 | -7,079 | -8,079 | -11,079 | -17,080 |
| Capital adjustment | 2,295 | 6,696 | 20,391 | 52,717 | 99,898 |
| Minorities | 0 | 0 | 0 | 0 | 0 |
| **Total Liabilities & Equity** | **69,226** | **76,926** | **98,525** | **137,380** | **180,018** |

## Profit & Loss

US$ m

| As of Dec 31 | FY24 | FY25 | FY26E | FY27E | FY28E |
|---|---|---|---|---|---|
| **Revenue** | **25,785** | **34,639** | **52,682** | **104,000** | **145,898** |
| Cost of sales | 12,026 | 16,474 | 23,362 | 46,923 | 64,147 |
| **Gross profit** | **13,759** | **18,165** | **29,320** | **57,077** | **81,751** |
| Operating expense | 7,621 | 10,397 | 13,849 | 20,000 | 27,600 |
| **Operating profit** | **6,138** | **7,768** | **15,471** | **37,077** | **54,151** |
| Interest income | 0 | 0 | 0 | 0 | 0 |
| Interest expense | 92 | 36 | -198 | -80 | -80 |
| Net other Non-op. Income/(Loss) | -1,436 | -1,069 | -2,466 | 0 | 0 |
| **Pre-tax profit** | **4,610** | **6,663** | **13,203** | **37,157** | **54,231** |
| Income tax | -810 | -168 | -492 | 4,830 | 7,050 |
| **Profit for the year** | **5,420** | **6,831** | **13,695** | **32,326** | **47,181** |
| Minority interest | 0 | 0 | 0 | 0 | 0 |
| **Net profit to ord. equity** | **5,420** | **6,831** | **13,695** | **32,326** | **47,181** |
| **EPS** | **3.31** | **4.17** | **8.25** | **19.07** | **26.81** |

## Cash Flow

US$ m

| As of Dec 31 | FY24 | FY25 | FY26E | FY27E | FY28E |
|---|---|---|---|---|---|
| **Operating cash flow** | **3,041** | **7,709** | **13,259** | **24,246** | **42,267** |
| Profit for the year | 5,420 | 6,831 | 13,695 | 32,326 | 47,181 |
| Depreciation & amortization | 3,064 | 3,004 | 3,121 | 3,240 | 3,718 |
| Change in working capital | -685 | -3,882 | -3,557 | -11,320 | -8,633 |
| Other operating cash flow | -4,758 | 1,756 | 0 | 0 | 0 |
| **Investing cash flow** | **-1,101** | **-5,533** | **-17,933** | **-15,740** | **-16,218** |
| Capex | -3,267 | -2,891 | -6,933 | -4,740 | -5,218 |
| Other investing cash flow | 2,166 | -2,642 | -11,000 | -11,000 | -11,000 |
| Free cash flow | 1,940 | 2,176 | -4,675 | 8,506 | 26,048 |
| **Financing cash flow** | **-2,062** | **-431** | **3,735** | **-6,033** | **-14,441** |
| Change in capital | -3,744 | -1,400 | -1,882 | -4,600 | -7,600 |
| Net change in debt | -1,282 | 1,501 | 6,679 | -903 | -6,576 |
| Other financing cash flow | 2,964 | -532 | -1,062 | -531 | -266 |
| Exchange influence | 0 | 0 | 0 | 0 | 0 |
| **Total cash generated** | **-122** | **1,745** | **-939** | **2,472** | **11,607** |

## Key Financial Ratios

| As of Dec 31 | FY24 | FY25 | FY26E | FY27E | FY28E |
|---|---|---|---|---|---|
| **Growth** | | | | | |
| Revenue growth | 13.7% | 34.3% | 52.1% | 97.4% | 40.3% |
| Operating profit growth | 26.5% | 26.6% | 99.2% | 139.7% | 46.1% |
| Net profit growth | 26.0% | 26.0% | 100.5% | 136.0% | 46.0% |
| **Profitability** | | | | | |
| Gross profit margin | 53.4% | 52.4% | 55.7% | 54.9% | 56.0% |
| Operating profit margin | 23.8% | 22.4% | 29.4% | 35.7% | 37.1% |
| Net profit margin | 21.0% | 19.7% | 26.0% | 31.1% | 32.3% |
| **Key Ratio** | | | | | |
| ROA | 7.9% | 9.3% | 15.6% | 27.4% | 29.7% |
| ROE | 9.4% | 10.8% | 18.3% | 31.5% | 33.2% |
| **Stability** | | | | | |
| Gross debt/equity | 3.0 | 5.1 | 13.2 | 8.8 | 1.7 |
| Interest coverage | 51.1 | 186.1 | -65.7 | -463.5 | -676.9 |
| Current ratio | 2.6 | 2.9 | 2.1 | 2.1 | 2.5 |
| Quick ratio | 1.8 | 2.0 | 1.4 | 1.3 | 1.7 |
| Net debt/equity | Net Cash | Net Cash | 0.4 | Net Cash | Net Cash |

**Rating definitions** Benchmark: Shanghai and Shenzhen 300 index (China mainland)

**Company ratings**

| | |
|---|---|
| **Buy:** | Stock expected to outperform benchmark by more than 10% |
| **Hold:** | Expected stock relative performance ranges between -10% and 10% |
| **Underperform:** | Stock expected to underperform benchmark by more than 10% |

**Sector ratings**

| | |
|---|---|
| **Positive:** | Sector expected to outperform benchmark by more than 10% |
| **Neutral:** | Expected sector relative performance ranges between -10% and 10% |
| **Cautious:** | Sector expected to underperform benchmark by more than 10% |


**Hong Kong**

| | |
|---|---|
| **Company** | GF Securities (Hong Kong) Brokerage Limited |
| **Address** | 27/F, GF Tower, 81 Lockhart Road, Wan Chai, Hong Kong |
| **Telephone** | (852) 37191111 |
| **Email** | evanlee@gfgroup.com.hk |


## Disclaimer


This report has been prepared by GF Securities (Hong Kong) Brokerage Limited ("GF Securities (Hong Kong) Brokerage"). According to the laws, regulations and regulatory requirements in different countries and regions, this report is distributed by GF Securities (Hong Kong) Brokerage with relevant legal and compliant operation qualifications in these countries and regions.

GF Securities (Hong Kong) Brokerage is licensed by the Securities and Futures Commission of Hong Kong ("SFC") to conduct Type 4 Regulated Activity "Advising on Securities". It is regulated by the SFC, and is responsible for the distribution of this report in Hong Kong. Information about the qualifications of the research analyst(s) who is(are) the author(s) of this report as licensed by the SFC are disclosed in the section where research analyst names are shown.

The research analyst(s) primarily responsible for the content of this report, in whole or in part, certifies that with respect to the company or relevant securities that the analyst(s) covered in this report: 1) all of the views expressed accurately reflect his or her personal views on the company or relevant securities mentioned herein; and 2) no part of his or her remuneration was, is, or will be, directly or indirectly, in connection with his or her specific recommendations or views expressed in this report.

This report is published solely for information purpose and does not constitute an offer to buy or sell any securities or a solicitation of an offer to buy, or recommendation for investment in, any securities.

The securities mentioned in this report may not be allowed to be sold in certain jurisdictions. No action has been taken to permit the distribution of the research report to any person in any jurisdiction that the circulation or distribution of such research report is unlawful. This report is distributed solely to clients or designated institutions authorized by GF Securities (Hong Kong) Brokerage, and is not distributed publicly. It is distributed to certain clients based on the conclusion that they are able to assess investment risks independently, execute investment decisions independently and assume corresponding risks independently.

This report has been issued and based on information obtained from sources generally available to the public and believed by the research analyst(s) to be reliable but which has not been independently verified. No representation or warranty, either express or implied, is made by GF Securities (Hong Kong) Brokerage as to their accuracy and completeness of the information contained in this report. GF Securities (Hong Kong) Brokerage accepts no liability for all loss arising from the use of the materials presented in this report, unless is excluded by applicable laws or regulations. Please be aware of the fact that investments involve risks and the price of securities may be fluctuated and therefore return may be varied, past results do not guarantee future performance. Any recommendation contained in this report does not have regard to the specific investment objectives, financial situation and the particular needs of any individuals. This report is not to be taken in substitution for the exercise of judgment by respective recipients of this report, where necessary, recipients should obtain professional advice before making investment decisions.

GF Securities (Hong Kong) Brokerage may have issued, and may in the future issue, other communications that are inconsistent with, and reach different conclusions from, the information presented in the research report. The points of view, opinions and analytical methods adopted in the research report are solely expressed by the analysts but not that of GF Securities (Hong Kong) Brokerage or its affiliates. The information, opinions and forecasts presented in the research report are the current opinions of the analysts as of the date appearing on this material only which may subject to change at any time without notice. The salesperson, dealer or other professionals of GF Securities (Hong Kong) Brokerage may deliver opposite points of view to their clients and the proprietary trading division with respect to market commentary or dealing strategy either in writing or verbally. The proprietary trading division of GF Securities (Hong Kong) Brokerage may have different investment decision which may be contrary to the opinions expressed in the research report. GF Securities (Hong Kong) Brokerage or its affiliates or respective directors, officers, analysts and employees related to research report business may have rights and interests in securities mentioned in the research report. Recipients should be aware of relevant disclosure of interest (if any) when reading this report.

GF Securities (Hong Kong) Brokerage and its affiliates may be seeking or building business relationships with company(ies) mentioned in this report. Therefore, investors should consider the impact on the independence of this report by GF Securities (Hong Kong) Brokerage and its affiliates due to potential conflicts of interests. Investors should not make any investment decisions based solely on the contents of this report. Investors should make their own investment decisions and bear their own risk. No written or verbal commitment of sharing gains or losses from securities investments in any form shall be effective.

This report may contain and/or describe/present factual historical information on prices of Futures contracts (the "information"). Please note that this information is solely for the purpose of forming part of the argument/grounds/evidence in our research methodology/analysis to support our conclusion on our view of the relevant industry/company mentioned. It does not, by any means (express or implied) to be associated with or constituted as SFC Type 5 Regulated Activity (Advising on futures contracts).


## Disclosure of Interests

Please be sure to read the disclosures at the end of this report carefully.

1) The research analyst(s) and his/her associate has not served as an officer of the company(ies) mentioned in this report, and does not have any financial interests in the company(ies) mentioned in this report.

2) GF Securities (Hong Kong) Brokerage and/or its affiliates does not have any financial interests and has not invested in interests aggregate to an amount equal to or more than (i) 1% of the market capitalization; or (ii) 1% of the issued share capital, or issued units, in the company(ies) mentioned in this report.

3) GF Securities (Hong Kong) Brokerage and/or its affiliates does not have any market making activities, and has not employed any individual(s) serving as officer(s) of the company(ies) mentioned in this report.

4) GF Securities (Hong Kong) Brokerage and/or its affiliates does not have any investment banking relationship in Hong Kong with the company(ies) mentioned in this report in the past 12 months.

Copyright © GF Securities (Hong Kong) Brokerage

Without the prior written consent obtained from GF Securities (Hong Kong) Brokerage, any part of the materials contained herein should not (i) in any forms be copied or reproduced or (ii) be re-disseminated.