

Meta Platforms Inc

Not your everyday board seat add; Broadcom CEO to join Meta's board

Maintain Rating: BUY | PO: 510.00 USD | Price: 473.28 USD

Adds Broadcom CEO to Board

On February 14, Meta announced that it has added Broadcom CEO Hock Tan to its board of directors. Meta CEO said, "As we focus on building AGI (Artificial general intelligence), having directors with deep expertise in silicon and energy infrastructure will help us execute our long-term vision." Broadcom is one of the Meta's key partners for both chips and data center designs, and per press reports, Meta had spent \$500mn on components and design services from Broadcom in 2023. Our take: As the race to develop leading Gen-Al capabilities intensifies, and given industry-wide Al chips shortage/inflation, we think that having Board expertise from a key chipmaker could be a good fit for Meta's long-term AI goals.

Building in-house custom chips & other AI capabilities

Meta is ramping up its effort to build custom Al hardware infrastructure, developing an in-house chip, MTIA (Meta Training and Inference Accelerator), which is customized for company's deep learning recommendation models. On the recent earnings call, Meta had also announced plans to build: 1) advanced Al products and services for users, creators, and businesses; 2) a new category of personal computing devices that allows frictionlessly interactions with Ais; and 3) general intelligence and open-source products to drive Meta ecosystem adoption. Meta noted that it will continue to purchase chips from partners (Nvidia, Broadcom, and others) but also develop proprietary chips to optimize its workloads and support its AI hardware and software applications.

Meta: Internet mega cap with biggest AI benefit in 2024

Both Google and Amazon will likely benefit from Al, but new Al-related competitive concerns have weighed on the stocks. For Meta, AI/ML integrations are playing a crucial role in boosting ad spend in 2024, aiding in four key areas: 1) engagement growth, 2) creative enhancement, 3) campaign optimization, 4) enhanced ad measurement, and 5) back-end cost savings for advertisers. Smaller social competitors may find it difficult to keep up with Meta's growth engine, while we expect Meta to have new products and services for users, creators, and advertisers. Also, we think that Reels, Messaging, and Al-driven ad improvements are still relatively early and could drive further upside in 2024. We maintain our Buy rating on Meta.

Is there a hardware thesis for Internet stocks?

We would say not at the present time, but Amazon, Google, and Meta are now all developing their own in-house chips and data center infrastructure. While Nvidia technology remains in high demand from cloud and other customers, there could be a point when large-cap Internet company's hardware capabilities are better appreciated for either cost savings (for themselves or Cloud customers) or Al application innovation. Amazon's partnership with Anthropic will utilize Amazon's chips for training and inference, and we expect Meta's and Google's new LLMs to utilize their internal hardware.

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Stock Data

Price 473.28 USD Price Objective 510.00 USD Date Established 2-Feb-2024 C-1-7 Investment Opinion 52-Week Range 167.66 USD - 485.96 USD Mrkt Val (mn) / Shares Out 1 244 726 USD / 2 630 0

Free Float

99 9% Average Daily Value (mn) 9851.83 USD BofA Ticker / Exchange META / NAS Bloomberg / Reuters META US / META.OQ ROE (2024E) 40.4% Net Dbt to Eqty (Dec-2023A) -3.0% ESGMeter™ High

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to **BofA ESGMeter Methodology**

AGI: Artificial general intelligence Al: Artificial Intelligence

K: thousand

LLM: large language model

ML: Machine Learning

MTIA: Meta Training and Inference

Accelerator

RSC: Research Supercluster

Meta has leading AI processing capabilities

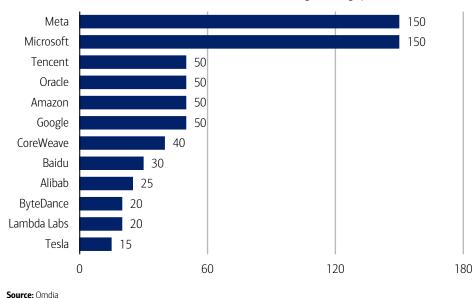
Internal Supercomputer: In May 2023, Meta announced the completion of its internal supercomputer, Research SuperCluster (RSC). RSC is helping Meta build new and better Al models that can work across hundreds of different languages, seamlessly analyze text, images, and video together, and help develop new augmented reality tools. With RSC, Meta is able to train its largest advertising and metaverse-related models to develop advanced Al for computer vision, natural language processing (NLP), and speech recognition. RSC is also helping Meta perform downstream tasks, such as identifying harmful content on the platform.

New LLM: In 2024, Meta also plans to roll out an updated LLM model (Llama 3), which, according to press reports, is expected to be as powerful as OpenAl's GPT 4.0 and several times more powerful than the company's Llama 2.

Leading computing power: Per press reports, Meta's computing infrastructure will include 350K Nvidia's H100 graphics processing unit (GPU) chips by the end of 2024. Per Omdia, in 2023, Meta received ~150K Nvidia H100 GPUs (~\$5.25bn assuming an average price of \$35K) and expects to receive the rest in 2024.

Exhibit 1: Nvidia H100 GPU orders fulfilled in 2023 ('000)

In 2023, Meta received ~150K Nvidia H100 GPUs (~\$5.25bn assuming an average price of \$35K)



BofA GLOBAL RESEARCH

Price objective basis & risk

Meta Platforms Inc (META)

Our \$510 price objective is based on 21x 2025E GAAP EPS, plus net cash. On a total company basis, including Metaverse investments, our valuation is largely in line with S&P 500 (over the past five years Meta has had a 2pt average premium to S&P). We think accelerating revenue growth and conservative expense management can lead to 3-year EPS growth above the S&P 500.

Downside risks are decline in user activity from competition, privacy or date issues impact revenue generation, potential for Street to assign a negative value to Metaverse (Reality Labs) given significant investments, and new regulations that impact monetization.



Analyst Certification

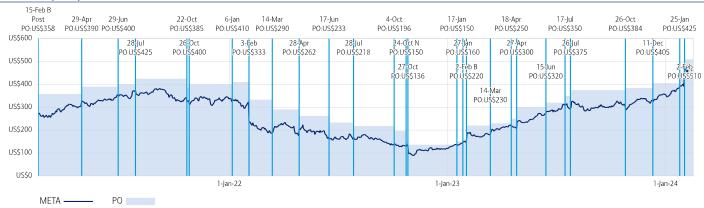
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Important Disclosures

Meta Platforms (META) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

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Equity Investment Rating Distribution: Technology Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	215	53.09%	Buy	111	51.63%
Hold	97	23.95%	Hold	45	46.39%
Sell	93	22.96%	Sell	24	25.81%

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Underperform	N/A	≥ 20%

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