Stock Picking Report

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Part 1: Stock Screen and Ratios



Price Ratio: Price to Earnings Ratio (PEG < 1):

The Price to Earnings (PEG) ratio is a good indicator of whether or not the Price to Earnings (P/E) ratio is justified. If the P/E ratio is justified, and if the P/E ratio is considered "good" (under 15), there is evidence that it is undervalued and will hopefully continue to perform well.

Profitability Ratio: Return on Equity (ROE > 20%):

The Return on Equity (ROE) ratio represents how well a company can produce profits for the common shareholder from the shareholder's equity. If the company has a

good ROE, not only does it mean that the company puts the equity to good use, but it also means the shareholder will get a good amount of profit.

Profitability Ratio: Net Profit Margin (Net Profit Margin > 10%):

The Net Profit Margin is one of the most important ratios as it determines a company's overall profitability. If a company has a positive Net Profit Margin, that means that after all the costs the company is profitable. Ideally, the company has an increasing Net Profit Margin, so the next step would be to check whether or not the Net Profit Margin is increasing from past financial statements.

Leverage Ratio: Debt to Equity (Debt to Equity < 1):

A low Debt to Equity Ratio showcases that the company is not weighted down by debt meaning there is less risk of bankruptcy. If there is a good amount of equity compared to debt, that also shows that the company is relatively sustainable, and if more capital is needed, the company can take on more debt.

Liquidity Ratio: Current Ratio (Current Ratio > 2):

A Current Ratio over 2 means that the company is reasonably liquid regarding its current assets and liabilities. However, a further analysis of the current ratio is needed. If the current ratio is too high, there is an excessive amount of accounts receivable or inventory balance.

Part 2: A Value Stock (NVDA)

A stock a value investor should buy on the North American stock exchange is Nvidia Corporation (NVDA), currently priced at \$477.76 per share.

What does Nvidia do?

Nvidia Corporation is a semiconductor research and development company, typically known for its graphic processors, and has been one of the leading forces in the semiconductor space ("NVIDIA Corporation", n.d.). Some of Nvidia's competitors in the semiconductor space include Advanced Micro Devices (AMD), and Intel Corporation (Patrizio, 2022).

Profit Ratios in the Last Trailing Twelve Months [\$ in the millions] (Found from Nvidia's Income Statement)

- Gross Profit: \$31,343
- Gross Margin: 69.85%
- Operating Income: \$20,614
- Operating Margin: 45.94%
- Net income (After Taxes): \$18,888

The profit margins above reveal that Nvidia is making an actual profit. The gross margin of 69.85% tells us that compared to the cost of goods sold, Nvidia makes lots of

money ("What is gross margin?", n.d.) In addition, the operating margin of 45.94% tells us that after subtracting all the costs it takes to run Nvidia, there is still lots of money left over (Hayes, 2022). Lastly, the net income after taxes is \$18,888. Keep in mind this number is in the millions, exemplifying that this is a good company to invest in because a value investor does not want to be investing in a company that is losing money in its present state, rather a value investor wants to invest in a company that has a good foundation of profit margins (Kenton, 2023).

EPS Values (Found from Nvidia Corp Stock)

- EPS Growth in Past 5 years: 25.63%
- EPS Growth This Year: 261.10%
- Projected EPS Growth Next Year: 69.04%

The EPS growth has demonstrated that Nvidia has steadily been growing for the past five years at 25.63%, and has shot up this year at 261.10%. In addition, the projected EPS growth next year is 69.04%, which not only tells the EPS has been growing for the past five years, but it will continue to grow. This is exactly what a value investor would look for, as the EPS is constantly increasing year after year ("EPS Growth Definition and", n.d.).

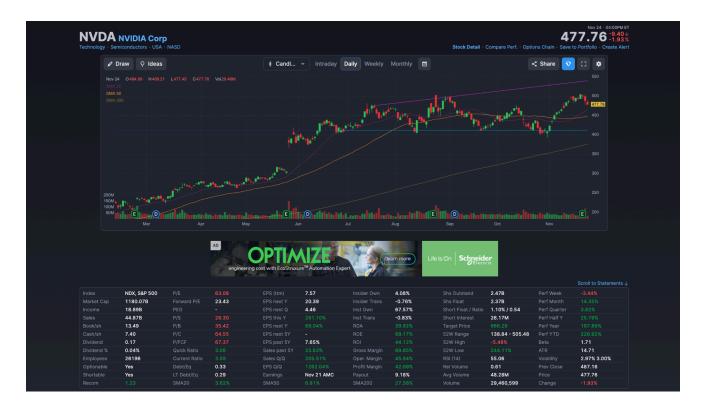
Current/Future Plans

Nvidia is also always looking for ways to innovate within the technology sector.

Not only does Nvidia research and develop graphics cards, but Nvidia is also looking into incorporating AI into its chips, expecting the first AI chips to come out in 2025 (Kennedy, 2023). There is no doubt that Nvidia will keep innovating to keep up with the technology sector in the future.

As shown above, the impressive profit margins, constantly increasing EPS values, and current and future plans for innovation suggest that Nvidia Corporation is a good choice for a value investor to invest in.

Nvidia Corp. Stock ("NVDA - NVIDIA Corp", n.d.):



Nvidia's Income Statement ("NVDA - NVIDIA Corp", n. d.):

Period End Date		TTM	1/31/2023	1/31/202
Period Length		12 Months	12 Months	12 Month
Total Revenue	dl	44,870.00	26,974.00	26,914.0
Cost of Goods Sold Incl. D&A	.mil	13,527.00	11,618.00	9,439.0
Gross Profit	.mli	31,343.00	15,356.00	17,475.0
Selling, General and Administrative Excl. Other	il	10,729.00	9,779.00	7,434.0
Research and Development	il	8,160.00	7,339.00	5,268.0
Other Operating Expense		0.00	0.00	0.0
Operating Income	h	20,614.00	5,577.00	10,041.0
Interest Expense	11	259.00	262.00	236.0
Unusual Expense		40.00	1,414.00	-100.0
Net Income Before Taxes	.aah	21,001.00	4,181.00	9,941.0
Income Taxes	h _i m,	2,113.00	-187.00	189.0
Consolidated Net Income	aah	18,888.00	4,368.00	9,752.0
Net Income From Continuing Operations	aah	18,888.00	4,368.00	9,752.0
Net Income	.aah	18,888.00	4,368.00	9,752.0
EPS (Recurring)	.aah	7.58	2.14	3.8
EPS (Basic, Before Extraordinaries)	aah	7.65	1.76	3.9
EPS (Diluted)	aah	7.57	1.74	3.8
EBITDA	di	22,161.00	7,121.00	11,215.
Price To Earnings Ratio	ulili	63.08	63.08	81.
Price To Sales Ratio	aall	22.51	18.93	21.
Gross Margin	IIIIII	69.85	56.93	64.9
Operating Margin	natil	45.94	45.94	27.8
Net Margin	ithili	42.09	16.19	36.
Shares Outstanding	IIIIII	2,466.00	2,466.00	2,506.
Market Capitalization		1,180,067.20	1,180,067.20	471,385.2

(Left) Nvidia's Balance Sheet ("NVDA - NVIDIA Corp", n.d.):





(Right) Nvidia's Statement of Cash Flow ("NVDA - NVIDIA Corp", n.d.):

Part 3: A Growth Stock (ANET)

A stock a growth investor should buy on the North American stock exchange is Arista Networks, Inc. (ANET), currently priced at \$218.39 per share.

What does Aritsa do?

Aritsa is a computer networking company that is focused on client-to-cloud networking. Arista was founded by Andy Bechtolsheim, Ken Duda, and David Cheriton and went public on the New York Stock Exchange in 2014 ("About Arista", n.d.).

Ratios in the Last Trailing Twelve Months [\$ in the thousands] (Ratios Found from Arista's Income Statement and Nvidia Networks, Inc. Stock)

• Gross Profit: \$3,399.66

• Gross Margin: 60.76%

• Operating Income: \$2,086.25

• Operating Margin: 37.29%

• Net income (After Taxes): \$1,900.77

• Return on Equity: 34.91%

• Current Ratio: 4.15

• Quick Ratio: 3.01

The profit margins above tell show that Arista is making a profit. The gross margin of 60.76% tells us that compared to the cost of goods sold, Arista is making money after sales ("What is gross margin?", n.d.). In addition, the operating margin is 37.29%, which reveals that after subtracting all the costs it takes to run Arista there is still lots of money left over (Hayes, 2022). Lastly, the net income after taxes is \$1,900.77 (thousand). The return on equity is 34.91%, meaning that Arista is pretty efficient in generating profits (Fernando, 2023). All these ratios exemplify that Arista is a good company for a growth investor to invest in because a growth investor does not want to be investing in a company that is losing money in its present state, as there is no room to fund for future growth if a company is losing money (Kenton, 2023). The current ratio being 4.15 shows that the company is relatively liquid and can pay its short-term debts using its current assets (Fernando, 2023). The quick ratio being 3.01 also further supports the fact that Arista can pay its short-term debts using its current assets (Seth, 2023). Both of these ratios exemplify that Arista isn't held down by its debts and that the company can focus on growth rather than paying off its debts.

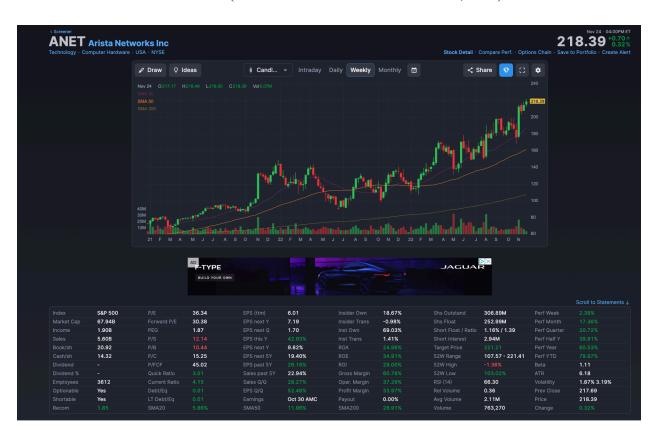
Market Share

Arista is also a significant player in its industry. According to CSIMarket, as of Q3 2023, Arista has 80.37% of the market share in the computer networks industry while the only other competitor, Extreme Networks Inc., has the other 19.63% ("Arista Networks Inc. Market", n.d.). This means that Arista is a significant player in the computer

networks industry and has already proved to be the best in the industry with its dominating proportion of market share.

As shown above by the many ratios, and market share, Arista Networks, Inc. would be a good choice for a growth investor to invest in.

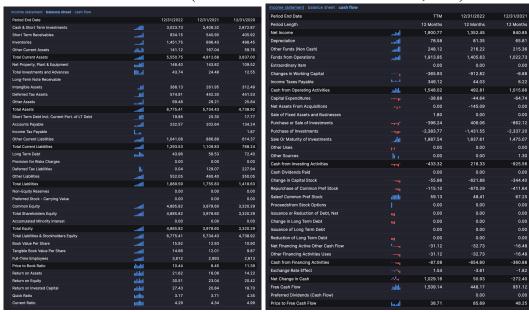
Arista Network Inc. Stock ("ANET - Arista Network Inc", n.d.):



Arista's Income Statement ("ANET - Arista Network Inc", n.d.):

income statement balance sheet cash flow				
Period End Date		TTM	12/31/2022	12/31/202
Period Length		12 Months	12 Months	12 Monti
Total Revenue	and	5,595.28	4,381.31	2,948.0
Cost of Goods Sold Incl. D&A	and	2,195.62	1,705.61	1,067.2
Gross Profit	.and	3,399.66	2,675.70	1,880.
Selling, General and Administrative Excl. Other	autl	1,313.41	1,143.89	956.
Research and Development	antl	833.86	728.39	586.
Other Operating Expense		0.00	0.00	0.0
Operating Income	.and	2,086.25	1,531.81	924.
Interest Expense	lu	0.00	0.00	0.
Unusual Expense		-22.06	-22.78	0.
Net Income Before Taxes	ul	2,213.48	1,581.80	930.
Income Taxes	nl	312.71	229.35	90.
Consolidated Net Income	id	1,900.77	1,352.45	840.
Net Income From Continuing Operations	.anl	1,900.77	1,352.45	840.
Net Income	id	1,900.77	1,352.45	840.
EPS (Recurring)	.auf	5.94	4.22	2.
EPS (Basic, Before Extraordinaries)	id	6.17	4.41	2.
EPS (Diluted)	.and	6.01	4.27	2.
EBITDA	and	2,173.98	1,613.15	990.
Price To Earnings Ratio	tlato	36.34	36.34	33.
Price To Sales Ratio	amb	10.44	8.77	15.
Gross Margin	IIIIII	60.76	61.07	63.
Operating Margin	atati	37.29	37.29	33.
Net Margin	adut	33.97	30.87	28.
Shares Outstanding	1111111	310.97	306.89	307.
Market Capitalization		67,941.13	67,941.13	37,081.

(Left) Arista's Balance Sheet ("ANET - Arista Network Inc", n.d.):



(Right) Arista's Statement of Cash Flow ("ANET - Arista Network Inc", n.d.):

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