

# **Nutanix** Inc

# Changes to pricing at VMW could end up positive for NTNX

Reiterate Rating: BUY | PO: 55.00 USD | Price: 45.85 USD

# VMware changes pricing, bundling, shift to subscription

VMW informed customers that it intends to no longer sell perpetual licenses and support/subscription for perpetual offerings and will transition to subscription licenses. Further, the company announced consolidation of offerings to VMware Cloud Foundation (VCF) and VMware vSphere Foundation including new bundling of previously standalone products. The company also noted a 50% list price reduction to VCF offerings. In our opinion, these changes will likely accelerate the evaluation of alternatives by customers, where we see NTNX as particularly well positioned. Reiterate Buy on higher growth and profitability and improving FCF.

# Is a list price decrease of VCF at VMW a concern?

Investors have largely expected VMW to raise prices under Broadcom mgmt. inline with prior M&A focus. A reduction in price at VMW seems counterintuitive especially given focus on improving profitability. We note that software deals can sometimes get up to 70% off list pricing and hence it would not necessarily translate to any incremental savings. Further customers that previously purchased standalone Aria suite or NSX security suite will now have to pay on a per core basis for the VCF bundle vs. the individual products historically. Similarly, vSphere Ent+ is no longer offered as a standalone product and customers using distributed resource scheduling and similar features will need to buy a bundled product at potentially higher prices.

# Nutanix could benefit from VMW customer re-evaluations

As the shift to a subscription model is now definitive for VMW, we expect a flurry of activity around accessing alternatives. Our conversations with channel partners indicate that the pace of activity has increased. Further, the prior VMware resellers and service provider agreements are being discontinued and Broadcom will tell partners in 1Q24 if they can still participate under the Broadcom Advantage Partner program. This will likely impact the smaller service provider partners. We expect Nutanix to further capitalize on this new development. Partners that bring in new logos to Nutanix will see increased benefits at least in the near term.

Estimates (Jul) (US\$)	2022A	2023A	2024E	2025E	2026E
EPS	(0.46)	0.57	0.89	1.19	1.59
GAAP EPS	(3.62)	(1.14)	(0.36)	0.09	0.52
EPS Change (YoY)	68.9%	NM	56.1%	33.7%	33.6%
Consensus EPS (Bloomberg)			0.90	1.23	1.81
DPS	0	0	0	0	0
Valuation (Jul)					
P/E	NM	80.4x	51.5x	38.5x	28.8x
GAAP P/E	NM	NM	NM	509.4x	88.2x
EV / EBITDA*	NM	48.8x	33.5x	23.8x	17.4x
Free Cash Flow Yield*	0.2%	1.9%	3.2%	3.8%	5.3%
* For full definitions of <i>IQ</i> method <sup>SM</sup> measures, see page 5.					

BofA Securities does and seeks to do business with issuers covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

Refer to important disclosures on page 6 to 8. Analyst Certification on page 4. Price Objective Basis/Risk on page 4.

Timestamp: 03 January 2024 05:00AM EST

# 03 January 2024

# Equity

Wamsi Mohan Research Analyst BofAS +1 646 855 3854 wamsi.mohan@bofa.com

Ruplu Bhattacharya Research Analyst

+1 646 855 0315 ruplu.bhattacharya@bofa.com

Joseph Leeman Research Analyst BofAS +1 646 855 1262 joseph.leeman@bofa.com

**Nathawan Asdornwised** Research Analyst BofAS

+1 646 855 1848 nathawan.asdornwised@bofa.com

### **Stock Data**

Price

Price Objective 55.00 USD Date Established 30-Nov-2023 Investment Opinion 52-Week Range 23.35 USD - 47.83 USD Mrkt Val (mn) / Shares Out 10,986 USD / 239.6 Free Float 99.6% Average Daily Value (mn) 92.45 USD NTNX / NAS RofA Ticker / Exchange Bloomberg / Reuters NTNX US / NTNX.OO ROF (2024F) NΑ Net Dbt to Eqty (Jul-2023A) NΑ 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".

45.85 LISD

# **iQ**profile<sup>™</sup> Nutanix Inc

(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Return on Capital Employed	-5.7%	9.8%	15.1%	18.1%	20.6%
Return on Equity	NM	NM	NM	NM	329.9%
Operating Margin	-5.4%	8.1%	12.0%	14.3%	16.2%
Free Cash Flow	18	207	351	417	583
iQmethod <sup>™</sup> – Quality of Earnings*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Cash Realization Ratio	NM	1.7x	1.6x	1.4x	1.4x
Asset Replacement Ratio	0.6x	0.9x	1.0x	1.0x	1.1x
Tax Rate	NM	10.6%	9.2%	11.0%	11.0%
Net Debt-to-Equity Ratio	NM	NM	NM	NM	-148.0%
Interest Cover	NA	NA	NA	NA	NA
Income Statement Data (Jul)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Sales	1,581	1,863	2,119	2,603	3,226
% Change	13.4%	17.8%	13.8%	22.8%	23.9%
Gross Profit	1,312	1,574	1,802	2,198	2,688
% Change	14.3%	20.0%	14.5%	22.0%	22.3%
EBITDA	2	227	331	466	635
% Change	NM	NM	45.6%	40.7%	36.3%
Net Interest & Other Income	3	27	37	36	36
Net Income (Adjusted)	(101)	159	265	364	498
% Change	66.7%	NM	66.8%	37.6%	36.6%
Free Cash Flow Data (Jul)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Net Income from Cont Operations (GAAP)	(446)	(153)	(71)	28	162
Depreciation & Amortization	88	76	76	92	112
Change in Working Capital	65	64	82	57	93
Deferred Taxation Charge	0	0	0	0	0
Other Adjustments, Net	361	285	339	336	336
Capital Expenditure	(49)	(65)	(75)	(96)	(119)
Free Cash Flow	18	207	351	417	583
% Change	NM	NM	69.7%	18.8%	39.7%
Share / Issue Repurchase	(59)	0	(18)	0	0

# Balance Sheet Data (Jul)

Cost of Dividends Paid

Change in Debt

(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Cash & Equivalents	403	513	830	1,248	1,831
Trade Receivables	125	157	235	382	435
Other Current Assets	1,131	1,192	1,172	1,172	1,172
Property, Plant & Equipment	113	112	114	118	125
Other Non-Current Assets	594	553	542	542	542
Total Assets	2,366	2,527	2,894	3,461	4,105
Short-Term Debt	145	0	0	0	0
Other Current Liabilities	1,005	1,136	1,244	1,447	1,593
Long-Term Debt	1,156	1,218	1,239	1,239	1,239
Other Non-Current Liabilities	849	880	874	874	874
Total Liabilities	3,156	3,234	3,357	3,560	3,706
Total Equity	(790)	(707)	(462)	(98)	400
Total Equity & Liabilities	2.366	2.527	2.895	3.462	4.106

89

(146)

# **Company Sector**

IT Hardware

# **Company Description**

Nutanix is the largest name in the nascent HyperConverged infrastructure market with 35% share, and was the first company to gain widespread acceptance among large enterprises. While the company uses a channel-only strategy, a large proportion of lead generation is currently provided internally. Nutanix ships both an "appliance" and "software-only" models, and has functionality for all three major hypervisors VMware's vSphere, Microsoft's Hyper-V, and its own open source KVM "Acropolis".

# **Investment Rationale**

Our Buy rating is based on improving fundamentals including ACV billings, revenue, operating margin and FCF growth, competitive strength in the HyperConverged storage market, brand recognition, systems being server agnostic, and ability to move data workloads across cloud platforms.

Stock Data	
Average Daily Volume	2,016,452

# **Quarterly Earnings Estimates**

0

0

	2023	2024
Q1	0.03A	0.29A
Q2	0.26A	0.28E
Q3	0.04A	0.17E
Q4	0.24A	0.16E



<sup>\*</sup> For full definitions of *IQ* method <sup>SM</sup> measures, see page 5.

# Model

Exhibit 1: NTNX Income Statement
We model F24 revenue/EPS of \$2.12bn/\$0.89

		F202	3A			F202	24E						
(\$ in millions except per share data)	1Q23A	2Q23A	3Q23A	4Q23A	1Q24A	2Q24E	3Q24E	4Q24E	F2022A	F2023A	F2024E	F2025E	F2026E
Sales	433.6	486.5	448.6	494.2	511.1	550.5	507.9	549.9	1,580.8	1,862.9	2,119.5	2,603.4	3,226.0
Product	208.6	250.5	212.5	240.5	246.9	248.4	228.6	248.2	757.6	9121	972.1	1,181.4	1,472.6
Support and Other services	225.0	236.0	236.1	253.7	264.1	302.2	279.3	301.8	823.2	950.8	1,147.3	1,422.0	1,753.4
Cost of Sales	71.9	74.0	72.5	70.0	71.8	80.5	80.4	84.6	269.1	2884	317.3	404.9	538.1
Product	7.3	8.3	8.6	6.7	7.2	7.9	9.1	9.2	34.4	30.8	33.5	37.8	47.1
Support and Other services	64.6	65.8	63.9	63.3	64.6	72.5	71.2	75.4	234.7	257.6	283.8	367.1	491.0
Gross Profit	361.7	412.5	376.1	424.2	439.3	470.1	427.6	465.3	1,311.7	1,574.5	1,802.2	2,198.4	2,687.9
Product	2013	2423	203.9	233.8	239.7	240.4	2195	239.0	723.2	881.3	938.6	1,143.6	1,425.5
Support and Other services	1604	1702	1721	1904	1995	229.6	2081	2263	5885	693.2	863.6	1,054.9	1,262.5
D¢ D	1000	1000	1150	1142	1126	1100	1104	1226	4276	4450	406.3	F70.7	643.0
R&D Sales & Marketing	109.0 211.4	1060 2067	1158 211.9	1142 2100	113.6 213.8	119.6 231.2	119.4 228.6	133.6 253.0	427.6 861.2	445.0 840.0	486.2 926.6	572.7 1,088.2	643.8 1,320.9
ŭ .	30.7	30.2	41.4	36.4	32.4	34.9	32.5	35.2	1087		135.0	1,066.2	200.0
General & Administrative	10.6							43.5		1387	254.5		523.2
Operating Income		69.6	7.0	63.6	79.5	84.4	47.1		(85.8)	150.8		373.5	
Interest Expense and other, net	(2.3)	(5.9)	(9.0)	(9.6)	(10.2)	(9.0)	(9.0)	(9.0)	(2.9)	(26.8)	(37.2)	(36.0)	(36.0)
Pretax Income	12.9	75.5	16.0	73.2	89.6	93.4	56.1	52.5	(83.0)	177.6	291.6	409.5	559.2
Taxes	4.9	3.7	4.5	5.7	4.6	10.3	6.2	5.8	18.5	18.9	26.8	45.0	61.5
Minority Interest Rate	38.3%	4.9%	28.1%	7.8%	11.0%	11.0%	11.0%	11.0%	-22.3%	10.6%	10.6%	11.0%	11.0%
	8.0	71.7	11.5	67.5	85.0	83.1	49.9	46.7		158.7	264.8	364.4	497.7
Non-GAAP Net income excluding FAS 123R Non GAAP EPS excl FAS123	\$0.03	\$0.26	\$0.04	\$0.24	\$0.29	\$0.28	\$0.17	\$0.16	(101.4) (\$0.46)	\$0.57	\$0.89	\$1.19	\$1.59
	7	,				,			/				755
Non-GAAP Net income including FAS 123R	(73.0)	(13.6)	(61.4)	(5.1)	1.0	(0.9)	(34.1)	(37.3)	(444.7)	(153.0)	(71.2)	28.4	161.7
GAAP Diluted EPS including FAS123	(\$0.43)	(\$0.31)	(\$0.35)	(\$0.06)	(\$0.07)	(\$0.00)	(\$0.14)	(\$0.15)	(\$3.62)	(\$1.14)	(\$0.36)	\$0.09	\$0.52
Avg. Basic Shares (MM)	229	231	235	238	241	243	245	247	221	233	244	252	260
Diluted Shares - NON GAAP EPS (MM)	275	279	282	286	293	297	299	301	221	281	297	306	314
As % of Revenue													
Product revenue	48.1%	51.5%	47.4%	48.7%	48.3%	45.1%	45.0%	45.1%	47.9%	49.0%	45.9%	45.4%	45.6%
Support revenue	51.9%	48.5%	52.6%	51.3%	51.7%	54.9%	55.0%	54.9%	52.1%	51.0%	54.1%	54.6%	54.4%
Cost of Goods Sold	16.6%	15.2%	16.2%	14.2%	14.1%	14.6%	15.8%	15.4%	17.0%	15.5%	15.0%	15.6%	16.7%
COGS Products	3.5%	3.3%	4.0%	2.8%	2.9%	3.2%	4.0%	3.7%	4.5%	3.4%	3.4%	3.2%	3.2%
COGS Support & Other Services	28.7%	27.9%	27.1%	24.9%	24.5%	24.0%	25.5%	25.0%	28.5%	27.1%	24.7%	25.8%	28.0%
Gross Profit	83.4%	84.8%	83.8%	85.8%	85.9%	85.4%	84.2%	84.6%	83.0%	84.5%	85.0%		83.3%
Gross Profit Products	96.5%	96.7%	96.0%	97.2%	97.1%	96.8%	96.0%	96.3%	95.5%	96.6%	96.6%	84.4% 96.8%	96.8%
Gross Profit Support & Other Services	71.3%	72.1%	72.9%	75.1%	75.5%	76.0%	74.5%	75.0%	71.5%	72.9%	75.3%	74.2%	72.0%
dioss i fort support & other services	71370	72.170	72.570	7 3.1 /0	7 5.5 70	7 0.0 70	7 - 2.7 0	7 3.0 70	71.570	72.570	7 5.5 70	7 7.2 /0	72.070
R&D	25.1%	21.8%	25.8%	23.1%	22.2%	21.7%	23.5%	24.3%	27.0%	23.9%	22.9%	22.0%	20.0%
Sales & Marketing	48.8%	42.5%	47.2%	42.5%	41.8%	42.0%	45.0%	46.0%	54.5%	45.1%	43.7%	41.8%	40.9%
General & Administrative	7.1%	6.2%	9.2%	7.4%	6.3%	6.3%	6.4%	6.4%	6.9%	7.4%	6.4%	6.3%	6.2%
Operating Earnings	2.4%	14.3%	1.6%	12.9%	15.6%	15.3%	9.3%	7.9%	-5.4%	8.1%	12.0%	14.3%	16.2%
Interest & Other Expense	-0.5%	-1.2%	-2.0%	-1.9%	-2.0%	-1.6%	-1.8%	-1.6%	-0.2%	-1.4%	-1.8%	-1.4%	-1.1%
Pretax Earns	3.0%	15.5%	3.6%	14.8%	17.5%	17.0%	11.0%	9.5%	-5.2%	9.5%	13.8%	15.7%	17.3%
Non-GAAP Net income excluding FAS 123R	1.8%	14.7%	2.6%	13.7%	16.6%	15.1%	9.8%	8.5%	-6.4%	8.5%	12.5%	14.0%	15.4%
Non-GAAF Net Income excluding TAS 125K	1.070	14.770	2.070	13.770	10.0%	13.170	5.070	0.570	*0.470	0.570	12.370	14.070	13.470
Year-Over-Year Growth													
Sales	15%	18%	11%	28%	18%	13%	13%	11%	13%	18%	14%	23%	24%
Product revenue	16%	20%	6%	43%	18%	-1%	8%	3%	7%	20%	7%	22%	25%
Support revenue	13%	16%	16%	17%	17%	28%	18%	19%	20%	16%	21%	24%	23%
Cost of Sales	6%	11%	8%	4%	0%	9%	11%	21%	9%	7%	10%	28%	33%
Gross Profit	16%	19%	12%	33%	21%	14%	14%	10%	14%	20%	14%	22%	22%
R&D	3%	0%	9%	4%	4%	13%	3%	17%	6%	4%	9%	18%	12%
Sales & Marketing	-4%	-4%	2%	-4%	1%	12%	8%	20%	-7%	-2%	10%	17%	21%
General & Administrative	15%	12%	55%	27%	5%	16%	-22%	-3%	12%	28%	-3%	22%	22%
Operating Earnings	-125%	-6721%	-229%	-270%	650%	21%	575%	-32%	-69%	-276%	69%	47%	40%
Interest & Other Expense	-374%	-2951%	-2670%	126%	339%	53%	0%	-6%	-149%	841%	39%	-3%	0%
Pretax Earns	-130%	-6104%	-378%	-320%	594%	24%	251%	-28%	-71%	-314%	64%	40%	37%
		10	2		0.5==-		22	2		2			
Non-GAAP Net income excluding FAS 123R	-117%	-1269%	-212%	-275%	967%	16%	334%	-31%	-67%	-256%	67%	38%	37%
Non GAAP EPS excl FAS123	-113%	-1017%	-188%	-238%	903%	9%	310%	-34%	-69%	-223%	57%	34%	33%
GAAP Diluted EPS including FAS123	-78%	-41%	-31%	-92%	-85%	-99%	-60%	169%	-28%	-69%	-68%	-126%	454%
Diluted Shares - NON GAAP EPS (MM)	28%	28%	27%	27%	6%	6%	6%	5%	7%	27%	6%	3%	3%

**Source:** Company reports, BofA Global Research estimates

BofA GLOBAL RESEARCH



# Price objective basis & risk

# **Nutanix Inc (NTNX)**

PO of \$55 is based on 7x EV/C24 sales estimate. This multiple is slightly above the high end of the long-term range 2-6x. In our opinion the multiple above the high end of the range is appropriate given the better growth and profitability metrics that Nutanix is delivering partially offset by weaker macro and constrained enterprise spending.

Downside risks to our PO are a more protracted downturn in the economy, delayed recovery in the supply chain, delays in hiring sales reps, increased competition from established vendors link Dell/EMC, HP Enterprise and NetApp making headway into the HyperConverged market, increasing DRAM and NAND cost hurting gross margins, sales reorganization resulting in slower billings growth or customer acquisition rate, and disruption with key partners or IT distribution channel.

Upside risks are faster than expected recovery in the macroeconomy and Enterprise IT spending, faster than expected recovery in sales rep count and higher than expected productivity, and unexpected share gains.

# **Analyst Certification**

I, Wamsi Mohan, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

**US - IT Hardware and Technology Supply Chain Coverage Cluster** 

Investment rating	Company	Bof A Ticker	Bloomberg symbol	Analyst
BUY				
	Amphenol	APH	APH US	Wamsi Mohan
	Corning Inc.	GLW	GLW US	Wamsi Mohan
	Dell Technologies Inc.	DELL	DELL US	Wamsi Mohan
	Flex Ltd.	FLEX	FLEX US	Ruplu Bhattacharya
	HP Inc.	HPQ	HPQ US	Wamsi Mohan
	International Business Machines Corp.	IBM	IBM US	Wamsi Mohan
	Jabil Inc.	JBL	JBL US	Ruplu Bhattacharya
	Nutanix Inc	NTNX	NTNX US	Wamsi Mohan
	Roku, Inc.	ROKU	ROKU US	Ruplu Bhattacharya
	Seagate Technology	STX	STX US	Wamsi Mohan
	Sensata Technologies Holdings Plc	ST	ST US	Wamsi Mohan
	TD Synnex Corp	SNX	SNX US	Ruplu Bhattacharya
	TE Connectivity Ltd.	TEL	TEL US	Wamsi Mohan
	Teradata Corporation	TDC	TDC US	Wamsi Mohan
	Western Digital Corporation	WDC	WDC US	Wamsi Mohan
NEUTRAL				
112011012	Apple Inc.	AAPL	AAPL US	Wamsi Mohan
	Arrow Electronics Inc.	ARW	ARW US	Ruplu Bhattacharya
	Avnet Inc.	AVT	AVT US	Ruplu Bhattacharya
	CDW Corp	CDW	CDW US	Ruplu Bhattacharya
	Concentrix Corporation	CNXC	CNXC US	Ruplu Bhattacharya
	Hewlett-Packard Enterprise	HPF	HPE US	Wamsi Mohan
	Pure Storage	PSTG	PSTG US	Wamsi Mohan
UNDERPERFORM				
UNDERPERFURM	D: :: 10	DOCN	DO CNUIC	M : M I
	DigitalOcean	DOCN	DOCN US	Wamsi Mohan
	NetApp Inc.	NTAP	NTAP US	Wamsi Mohan
	Sanmina Corporation	SANM	SANM US	Ruplu Bhattacharya
	Vishay Intertechnology, Inc.	VSH	VSH US	Ruplu Bhattacharya
	Vizio	VZIO	VZIO US	Wamsi Mohan

# **Q**method <sup>su</sup> Measures Definitions

flow statements for companies covered by BofA Global Research.

Business Performance	Newsonton	Denominator
	Numerator	
Return On Capital Employed	NOPAT = (EBIT + Interest Income) $\times$ (1 – Tax Rate) + Goodwill Amortization	Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations – Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
Enterprise value / Sales	Other LT Liabilities	Juics

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

\*\*Menthod Swis the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of

iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

### Addatabase is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash

IQprofile M, IQmethod M are service marks of Bank of America Corporation. IQdatabase is a registered service mark of Bank of America Corporation.



# **Disclosures**

# **Important Disclosures**

# Nutanix (NTNX) Price Chart



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

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

### 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%

RI Issuers that were investment banking dients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

FUNDAMENTAL EQUITY OPINION KEY: Opinions include a Volatility Risk Rating, an Investment Rating and an Income Rating. VOLATILITY RISK RATINGS, indicators of potential price fluctuation, are: A - Low, B - Medium and C - High. INVESTMENT RATINGS reflect the analyst's assessment of both a stock's absolute total return potential as well as its attractiveness for investment relative to other stocks within its Coverage Cluster (defined below). Our investment ratings are: 1 - Buy stocks are expected to have a total return of at least 10% and are the most attractive stocks in the coverage cluster; 2 - Neutral stocks are expected to remain flat or increase in value and are less attractive than Buy rated stocks and 3 - Underperform stocks are the least attractive stocks in a coverage cluster. An investment rating of 6 (No Rating) indicates that a stock is no longer trading on the basis of fundamentals. Analysts assign investment ratings considering, among other things, the 0-12 month total return expectation for a stock and the firm's guidelines for ratings dispersions (shown in the table below). The current price objective for a stock should be referenced to better understand the total return expectation at any given time. The price objective reflects the analyst's view of the potential price appreciation (depreciation).

# Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster<sup>R2</sup>

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

 $<sup>^{</sup>R2} Ratings\ dispersions\ may\ vary\ from\ time\ to\ time\ where\ BofA\ Global\ Research\ believes\ it\ better\ reflects\ the\ investment\ prospects\ of\ stocks\ in\ a\ Coverage\ Cluster.$ 

INCOME RATINGS, indicators of potential cash dividends, are: 7 - same/higher (dividend considered to be secure), 8 - same/hower (dividend not considered to be secure) and 9 - pays no cash dividend. Coverage Cluster is comprised of stocks covered by a single analyst or two or more analysts sharing a common industry, sector, region or other classification(s). A stock's coverage cluster is included in the most recent BofA Global Research report referencing the stock.

Price Charts for the securities referenced in this research report are available on the Price Charts website, or call 1-800-MERRILL to have them mailed. BofAS or one of its affiliates acts as a market maker for the equity securities recommended in the report: Nutanix.

BofAS or an affiliate has received compensation from the issuer for non-investment banking services or products within the past 12 months: Nutanix Inc.

The issuer is or was, within the last 12 months, a non-securities business client of BofAS and/or one or more of its affiliates: Nutanix Inc.

BofAS or one of its affiliates is willing to sell to, or buy from, clients the common equity of the issuer on a principal basis: Nutanix.

The issuer is or was, within the last 12 months, a securities business client (non-investment banking) of BofAS and/or one or more of its affiliates. Nutanix Inc.

BofA Global Research personnel (including the analyst(s) responsible for this report) receive compensation based upon, among other factors, the overall profitability of Bank of America Corporation, including profits derived from investment banking. The analyst(s) responsible for this report may also receive compensation based upon, among other factors, the overall profitability of the Bank's sales and trading businesses relating to the class of securities or financial instruments for which such analyst is responsible.



# **Other Important Disclosures**

From time to time research analysts conduct site visits of covered issuers. BofA Global Research policies prohibit research analysts from accepting payment or reimbursement for travel expenses from the issuer for such visits.

Prices are indicative and for information purposes only. Except as otherwise stated in the report, for any recommendation in relation to an equity security, the price referenced is the publicly traded price of the security as of close of business on the day prior to the date of the report or, if the report is published during intraday trading, the price referenced is indicative of the traded price as of the date and time of the report and in relation to a debt security (including equity preferred and CDS), prices are indicative as of the date and time of the report and are from various sources including BofA Securities trading desks.

The date and time of completion of the production of any recommendation in this report shall be the date and time of dissemination of this report as recorded in the report timestamp.

Recipients who are not institutional investors or market professionals should seek the advice of their independent financial advisor before considering information in this report in connection with any investment decision, or for a necessary explanation of its contents.

Officers of BofAS or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments. Refer to BofA Global Research policies relating to conflicts of interest.

BofA Securities' includes BofA Securities, Inc. (\*BofAS\*) and its affiliates. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor if they have questions concerning this report or concerning the appropriateness of any investment idea described herein for such investor. 'BofA Securities' is a global brand for BofA Global Research.

Information relating to Non-US affiliates of BofA Securities and Distribution of Affiliate Research Reports:

BofAS and/or Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") may in the future distribute, information of the following non-US affiliates in the US (short name: legal name, regulator): Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd., regulated by The Financial Service Board; MLI (UK): Merrill Lynch International, regulated by the Financial Conduct Authority (FCA) and the Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudential et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers (AMF). BofA Securities Europe SA ("BofASE") with registered address at 51, rue La Boétie, 75008 Paris is registered under no 842 602 690 RCS Paris. In accordance with the provisions of French Code Monétaire et Financier (Monetary and Financial Code), BofASE is an établissement de crédit et d'investissement (credit and investment institution) that is authorised and supervised by the European Central Bank and the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers. BofASE's share capital can be found at <a href="https://www.bofaml.com/BofASEdisclaimer">www.bofaml.com/BofASEdisclaimer</a>; BofA Europe (Milan): Bank of America Europe Designated Activity Company, Milan Branch, regulated by the Bank of Italy, the European Central Bank (ECB) and the Central Bank of Ireland (CBI); BofA Europe (Frankfurt): Bank of America Europe Designated Activity Company, Frankfurt Branch regulated by BaFin, the ECB and the CBI; BofA Europe (Madrid): Bank of America Europe Designated Activity Company, Sucursal en España, regulated by the Bank of Spain, the ECB and the CBI; Merrill Lynch (Australia): Merrill Lynch (Forgalized (Australia): Merrill Lynch (Hong Kong): Merrill (Hong Kong): Merr (Asia Pacific) Limited, regulated by the Hong Kong Securities and Futures Commission (HKSFC); Merrill Lynch (Singapore): Merrill Lynch (Singapore) Pte Ltd, regulated by the Monetary Authority of Singapore (MAS); Merrill Lynch (Canada): Merrill Lynch (Canada): Merrill Lynch (Canada): Merrill Lynch (Mexico): Merrill Ly de Bolsa, regulated by the Comisión Nacional Bancaría y de Valores; Merrill Lynch (Argentina): Merrill Lynch Argentina SA, regulated by Comisión Nacional de Valores; BofAS Japan: BofA Securities Japan Co., Ltd., regulated by the Financial Services Agency; Merrill Lynch (Seoul): Merrill Lynch International, LLC Seoul Branch, regulated by the Financial Supervisory Service; Merrill Lynch (Taiwan): Merrill Lynch Securities (Taiwan) Ltd., regulated by the Securities and Futures Bureau; BofAS India: BofA Securities India Limited, regulated by the Securities and Exchange Board of India (SEBI); Merrill Lynch (Israel): Merrill Lynch (Israel) Merrill Merr Financial Services Authority (DFSA); Merrill Lynch (Brazil): Merrill Lynch S.A. Corretora de Títulos e Valores Mobiliários, regulated by Comissão de Valores Mobiliários; Merrill Lynch KSA Company: Merrill Lynch Kingdom of Saudi Arabia Company, regulated by the Capital Market Authority.

This information: has been approved for publication and is distributed in the United Kingdom (UK) to professional clients and eligible counterparties (as each is defined in the rules of the FCA and the PRA) by MLI (UK), which is authorized by the PRA and regulated by the FCA and the PRA - details about the extent of our regulation by the FCA and PRA are available from us on request; has been approved for publication and is distributed in the European Economic Area (EEA) by BofASE (France), which is authorized by the ACPR and regulated by the ACPR and the AMF; has been considered and distributed in Japan by BofAS Japan, a registered securities dealer under the Financial Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Hong Kong by Merrill Lynch (Hong Kong) which is regulated by HKSFC; is issued and distributed in Taiwan by Merrill Lynch (Taiwan); is issued and distributed in India by BofAS India; and is issued and distributed in Singapore to institutional investors and/or accredited investors (each as defined under the Financial Advisers Regulations) by Merrill Lynch (Singapore) (Company Registration No 198602883D). Merrill Lynch (Singapore) is regulated by MAS. Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 (MLEA) distributes this information in Australia only to 'Wholesale' clients as defined by s.761G of the Corporations Act 2001. With the exception of Bank of America N.A., Australia Branch, neither MLEA nor any of its affiliates involved in preparing this information is an Authorised Deposit-Taking Institution under the Banking Act 1959 nor regulated by the Australian Prudential Regulation. Authority. No approval is required for publication or distribution of this information in Brazil and its local distribution is by Merrill Lynch (Brazil) in accordance with applicable regulations. Merrill Lynch (DIFC) is authorized and regulated by the DFSA. Information in Germany and is regulated by BaFin, the ECB and the CBI. BofA Securi

This information has been prepared and issued by BofAS and/or one or more of its non-US affiliates. The author(s) of this information may not be licensed to carry on regulated activities in your jurisdiction and, if not licensed, do not hold themselves out as being able to do so. BofAS and/or MLPF&S is the distributor of this information in the US and accepts full responsibility for information distributed to BofAS and/or MLPF&S clients in the US by its non-US affiliates. Any US person receiving this information and wishing to effect any transaction in any security discussed herein should do so through BofAS and/or MLPF&S and not such foreign affiliates. Hong Kong recipients of this information should contact Merrill Lynch (Asia Pacific) Limited in respect of any matters relating to dealing in securities or provision of specific advice on securities or any other matters arising from, or in connection with, this information. Singapore recipients of this information should contact Merrill Lynch (Singapore) Pte Ltd in respect of any matters arising from, or in connection with, this information. For clients that are not accredited investors, expert investors or institutional investors Merrill Lynch (Singapore) Pte Ltd accepts full responsibility for the contents of this information distributed to such clients in Singapore.

General Investment Related Disclosures:

Taiwan Readers: Neither the information nor any opinion expressed herein constitutes an offer or a solicitation of an offer to transact in any securities or other financial instrument. No part of this report may be used or reproduced or quoted in any manner whatsoever in Taiwan by the press or any other person without the express written consent of BofA Securities. This document provides general information only, and has been prepared for, and is intended for general distribution to, BofA Securities clients. Neither the information nor any opinion expressed constitutes an offer or an invitation to make an offer, to buy or sell any securities or other financial instrument or any derivative related to such securities or instruments (e.g., options, futures, warrants, and contracts for differences). This document is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of, and is not directed to, any specific person(s). This document and its content do not constitute, and should not be considered to constitute, investment advice for purposes of ERISA, the US tax code, the Investment Advisers Act or otherwise. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this document and should understand that statements regarding future prospects may not be realized. Any decision to purchase or subscribe for securities in any offering must be based solely on existing public information on such security or the information in the prospectus or other offering document issued in connection with such offering, and not on this document.

Securities and other financial instruments referred to herein, or recommended, offered or sold by BofA Securities, are not insured by the Federal Deposit Insurance Corporation and are not deposits or other obligations of any insured depository institution (including, Bank of America, N.A.). Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counterparty default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. Digital assets are extremely speculative, volatile and are largely unregulated. In some cases, securities and other financial instruments may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that price or value of such



securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance. Levels and basis for taxation may change.

This report may contain a short-term trading idea or recommendation, which highlights a specific near-term catalyst or event impacting the issuer or the market that is anticipated to have a short-term price impact on the equity securities of the issuer. Short-term trading ideas and recommendations are different from and do not affect a stock's fundamental equity rating, which reflects both a longer term total return expectation and attractiveness for investment relative to other stocks within its Coverage Cluster. Short-term trading ideas and recommendations may be more or less positive than a stock's fundamental equity rating.

BofA Securities is aware that the implementation of the ideas expressed in this report may depend upon an investor's ability to "short" securities or other financial instruments and that such action may be limited by regulations prohibiting or restricting "shortselling" in many jurisdictions. Investors are urged to seek advice regarding the applicability of such regulations prior to executing any short idea contained in this report.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned herein. Investors in such securities and instruments, including ADRs, effectively assume currency risk.

BofAS or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. BofAS or one of its affiliates may, at any time, hold a trading position (long or short) in the securities and financial instruments discussed in this report.

BofA Securities, through business units other than BofA Global Research, may have issued and may in the future issue trading ideas or recommendations that are inconsistent with, and reach different conclusions from, the information presented herein. Such ideas or recommendations may reflect different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Securities is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this information. In the event that the recipient received this information pursuant to a contract between the recipient and BofAS for the provision of research services for a separate fee, and in connection therewith BofAS may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom BofAS has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by BofAS). If such recipient uses the services of BofAS in connection with the sale or purchase of a security referred to herein, BofAS may act as principal for its own account or as agent for another person. BofAS is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities referred to herein.

# BofA ESGMeter Methodology:

ESGMeter is a proprietary metric based on quantitative analysis and fundamental analyst inputs that reflects our assessment of a company's Environmental, Social and Governance-related attributes. The ESGMeter is intended to indicate a company's likelihood of experiencing stronger financial stability (higher return on equity and lower earnings and price volatility) over the next three years relative to peer group. There are three ESGMeter levels - Low, Medium, and High - which indicate whether a company has attributes most likely to translate into superior financial stability (in the case of a High level) or weaker financial stability (in the case of a Low level) over the next three years relative to its peer group. A Medium level suggests that a company exhibits ESG characteristics that are likely associated with financial stability results in line with its peer group over the next three years. Full details of our methodology, financial stability definition and disclaimers are available at BofA ESGMeter methodology. ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of the BofA Global Research fundamental equity analyst's investment rating, volatility risk rating, income rating or price objective for that company.

### Copyright and General Information:

Copyright 2024 Bank of America Corporation. All rights reserved. iQdatabase® is a registered service mark of Bank of America Corporation. This information is prepared for the use of BofA Securities clients and may not be redistributed, retransmitted or disclosed, in whole or in part, or in any form or manner, without the express written consent of BofA Securities. BofA Global Research information is distributed simultaneously to internal and client websites and other portals by BofA Securities and is not publicly-available material. Any unauthorized use or disclosure is prohibited. Receipt and review of this information constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained herein (including any investment recommendations, estimates or price targets) without first obtaining express permission from an authorized officer of BofA Securities. Materials prepared by BofA Global Research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of BofA Securities, including investment banking personnel. BofA Securities has established information barriers between BofA Global Research and certain business groups. As a result, BofA Securities does not disclose certain client relationships with, or compensation received from, such issuers. To the extent this material discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this material. BofA Global Research personnel's knowledge of legal proceedings in which any BofA Securities entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving issuers mentioned in this material is based on public inform

This information has been prepared independently of any issuer of securities mentioned herein and not in connection with any proposed offering of securities or as agent of any issuer of any securities. None of BofAS any of its affiliates or their research analysts has any authority whatsoever to make any representation or warranty on behalf of the issuer(s). BofA Global Research policy prohibits research personnel from disclosing a recommendation, investment rating, or investment thesis for review by an issuer prior to the publication of a research report containing such rating, recommendation or investment thesis.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

The information herein (other than disclosure information relating to BofA Securities and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This information may contain links to third-party websites. BofA Securities is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this information and is not incorporated by reference. The inclusion of a link does not imply any endorsement by or any affiliation with BofA Securities. Access to any third-party website is at your own risk, and you should always review the terms and privacy policies at third-party websites before submitting any personal information to them. BofA Securities is not responsible for such terms and privacy policies and expressly disclaims any liability for them.

All opinions, projections and estimates constitute the judgment of the author as of the date of publication and are subject to change without notice. Prices also are subject to change without notice. BofA Securities is under no obligation to update this information and BofA Securities ability to publish information on the subject issuer(s) in the future is subject to applicable quiet periods. You should therefore assume that BofA Securities will not update any fact, circumstance or opinion contained herein.

Subject to the quiet period applicable under laws of the various jurisdictions in which we distribute research reports and other legal and BofA Securities policy-related restrictions on the publication of research reports, fundamental equity reports are produced on a regular basis as necessary to keep the investment recommendation current.

Certain outstanding reports or investment opinions relating to securities, financial instruments and/or issuers may no longer be current. Always refer to the most recent research report relating to an issuer prior to making an investment decision.

In some cases, an issuer may be classified as Restricted or may be Under Review or Extended Review. In each case, investors should consider any investment opinion relating to such issuer (or its security and/or financial instruments) to be suspended or withdrawn and should not rely on the analyses and investment opinion(s) pertaining to such issuer (or its securities and/or financial instruments) nor should the analyses or opinion(s) be considered a solicitation of any kind. Sales persons and financial advisors affiliated with BofAS or any of its affiliates may not solicit purchases of securities or financial instruments that are Restricted or Under Review and may only solicit securities under Extended Review in accordance with firm policies.

Neither BofA Securities nor any officer or employee of BofA Securities accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this information.

