

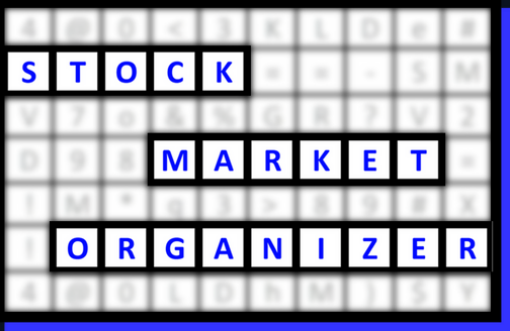
# Industry Status: Computer Hardware

1 week 10/19/23 to 10/26/23								
9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest
.	.	<-HARDWARE 32	<-HARDWARE 32	.	.	.	.	.
1 Systems	.	.	.	.	.	.	.	.
.	.	<-Peripherals 10	<-Peripherals 10	.	.	.	.	.
.	.	.	.	<-Storage 5	<-Storage 5	.	.	.
.	.	.	<-Dvrsified Sys 4	<-Dvrsified Sys 4	<-Dvrsified Sys 4	.	.	.
.	.	<-Networking 11	<-Networking 11	.	.	.	.	.
.	.	<-PCs 1	<-PCs 1	<-PCs 1	.	.	.	.
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.

October 26, 2023

**DOWN -1** to **WEAKER** strength rating  
(**7th** strongest of 9 levels)  
previous move was also **DOWN**

**5 of 6 sub-industries weakened, 50% stocks are rated Weakest**



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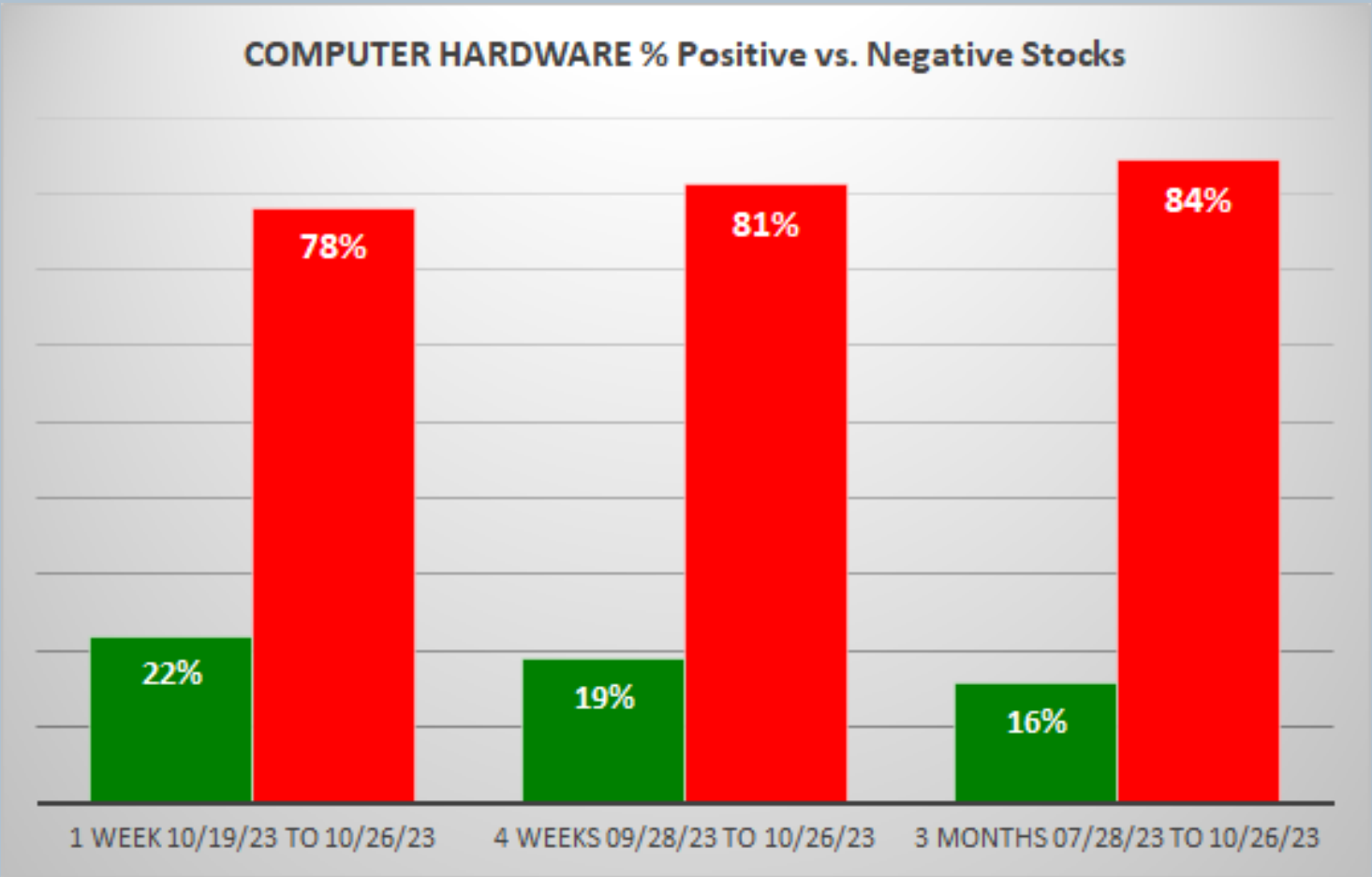
1. INDUSTRY OVERVIEW

1A. Performance

Past 10 Weeks Strengthening/Weakening week-by-week, per the following chart:

9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest	Period
.	.	<-HARDWARE 32	<-HARDWARE 32	.	.	.	.	.	7 Days - 10/19/23 to 10/26/23
.	.	.	<-HARDWARE 32	<-HARDWARE 32	.	.	.	.	7 Days - 10/12/23 to 10/19/23
.	.	.	32 HARDWARE->	32 HARDWARE->	.	.	.	.	7 Days - 10/05/23 to 10/12/23
.	.	.	32 HARDWARE	.	.	.	.	.	7 Days - 09/28/23 to 10/05/23
.	.	.	32 HARDWARE	.	.	.	.	.	7 Days - 09/21/23 to 09/28/23
.	.	.	<-HARDWARE 32	<-HARDWARE 32	.	.	.	.	7 Days - 09/14/23 to 09/21/23
.	.	.	.	32 HARDWARE	.	.	.	.	7 Days - 09/07/23 to 09/14/23
.	.	.	.	32 HARDWARE	.	.	.	.	7 Days - 08/31/23 to 09/07/23
.	.	.	.	32 HARDWARE	.	.	.	.	7 Days - 08/24/23 to 08/31/23
.	.	.	.	32 HARDWARE	.	.	.	.	7 Days - 08/17/23 to 08/24/23

STRENGTHENING 1 Week vs. Mid- and Longer-Term // 1 week positive/negative stocks ratio is HIGHER than both 4 weeks and 3 Months, per the following chart:



## 1B. Background

Largest of 6 sub-industries (32 stocks, average 5):

- \* Networking & Communication Dev (11 stocks)
- \* Computer Peripherals (10 stocks)

Top 10 by Market Capitalization:

AAPL/Apple Inc, CSCO/Cisco Systems Inc, PANW/Palo Alto Networks Inc., ANET/Arista Networks Inc, CDW/CDW Corporation, HPQ/Hp Inc, NTAP/Netapp Inc, SMCI/Super Micro Computer Inc, WDC/Western Digital Corp, STX/Seagate Technology Holdings PLC

## 2. SUB-INDUSTRIES AND STOCKS DETAIL

### 2A. Sub-Industries Overview

Strengthened: 0/6 sub-industries

Weakened: 5/6 sub-industries

STRONGEST at Average rating/5th strongest of 9 levels:

- \* Data Storage Devices (5 stocks)

WEAKEST at Weakest rating/9th strongest of 9 levels:

- \* Computer Based Systems (1 stock)



2B. Sub-Industries 10-Week Strengthening Analysis

What: recent week-by-week strength changes for the industry and each underlying sub-industry

Why: objective measurement of strengthening and weakening enabling comparison within and across industries and sub-industries

INDUSTRY CURRENT PERIOD SUMMARY														
1 week 10/19/23 to 10/26/23														
Length - Begin/End	Industry/Sub-Industry	Period	#	Min	Avg	Max	Status	9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE	Period 1 of 10 (Current)	32	-34%	-5%	9%	Weakened			<-HARDWARE 32	<-HARDWARE 32			
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Computer Based Systems	Period 1 of 10 (Current)	1	-11%	11%	-11%	Unchanged	1 Systems						
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Computer Peripherals	Period 1 of 10 (Current)	10	-13%	-4%	9%	Weakened			<-Peripherals 10	<-Peripherals 10			
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Data Storage Devices	Period 1 of 10 (Current)	5	-11%	-5%	-2%	Weakened					<-Storage 5	<-Storage 5	
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 1 of 10 (Current)	4	-11%	-5%	-1%	Weakened				<-Dvrsified Sys 4	<-Dvrsified Sys 4	<-Dvrsified Sys 4	
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 1 of 10 (Current)	11	-34%	-5%	9%	Weakened			<-Networking 11	<-Networking 11			
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Personal Computers	Period 1 of 10 (Current)	1	-5%	-5%	-5%	Weakened			<-PCs 1	<-PCs 1	<-PCs 1		
7 Days - 10/19/23 to 10/26/23		Period 1 of 10 (Current)												
7 Days - 10/19/23 to 10/26/23		Period 1 of 10 (Current)												
7 Days - 10/19/23 to 10/26/23		Period 1 of 10 (Current)												
PREVIOUS WEEKS (EDUCATIONAL PURPOSES ONLY/NOT A STOCK OR INVESTMENT RECOMMENDATION)														
Length - Begin/End	Industry/Sub-Industry	Period	#	Min	Avg	Max	Status	9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE	Period 1 of 10 (Current)	32	-34%	-5%	9%	Weakened			<-HARDWARE 32				
7 Days - 10/12/23 to 10/19/23	COMPUTER HARDWARE	Period 2 of 10	32	-13%	-3%	2%	Weakened				<-HARDWARE 32	<-HARDWARE 32		
7 Days - 10/05/23 to 10/12/23	COMPUTER HARDWARE	Period 3 of 10	32	-11%	1%	10%	Strengthened				32 HARDWARE->	32 HARDWARE->		
7 Days - 09/28/23 to 10/05/23	COMPUTER HARDWARE	Period 4 of 10	32	-30%	-2%	7%	Unchanged				32 HARDWARE			
7 Days - 09/21/23 to 09/28/23	COMPUTER HARDWARE	Period 5 of 10	32	-11%	0%	16%	Unchanged				32 HARDWARE			
7 Days - 09/14/23 to 09/21/23	COMPUTER HARDWARE	Period 6 of 10	32	-14%	-4%	3%	Weakened				<-HARDWARE 32	<-HARDWARE 32		
7 Days - 09/07/23 to 09/14/23	COMPUTER HARDWARE	Period 7 of 10	32	-9%	0%	30%	Strengthened					32 HARDWARE		
7 Days - 08/31/23 to 09/07/23	COMPUTER HARDWARE	Period 8 of 10	32	-12%	-2%	6%	Weakened					32 HARDWARE		
7 Days - 08/24/23 to 08/31/23	COMPUTER HARDWARE	Period 9 of 10	32	-3%	4%	13%	Strengthened					32 HARDWARE		
7 Days - 08/17/23 to 08/24/23	COMPUTER HARDWARE	Period 10 of 10	32	-11%	0%	13%	Weakened					32 HARDWARE		
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Computer Based Systems	Period 1 of 10 (Current)	1	-11%	11%	-11%	Unchanged	1 Systems						
7 Days - 10/12/23 to 10/19/23	COMPUTER HARDWARE - Computer Based Systems	Period 2 of 10	1	-7%	-7%	-7%	Unchanged	1 Systems						
7 Days - 10/05/23 to 10/12/23	COMPUTER HARDWARE - Computer Based Systems	Period 3 of 10	1	-2%	-2%	-2%	Unchanged	1 Systems						
7 Days - 09/28/23 to 10/05/23	COMPUTER HARDWARE - Computer Based Systems	Period 4 of 10	1	-3%	-3%	-3%	Unchanged	1 Systems						
7 Days - 09/21/23 to 09/28/23	COMPUTER HARDWARE - Computer Based Systems	Period 5 of 10	1	-11%	11%	-11%	Weakened	<-Systems 1	<-Systems 1	<-Systems 1				
7 Days - 09/14/23 to 09/21/23	COMPUTER HARDWARE - Computer Based Systems	Period 6 of 10	1	-6%	-6%	-6%	Unchanged			1 Systems				
7 Days - 09/07/23 to 09/14/23	COMPUTER HARDWARE - Computer Based Systems	Period 7 of 10	1	-2%	-2%	-2%	Unchanged			1 Systems				
7 Days - 08/31/23 to 09/07/23	COMPUTER HARDWARE - Computer Based Systems	Period 8 of 10	1	-2%	-2%	-2%	Unchanged			1 Systems				
7 Days - 08/24/23 to 08/31/23	COMPUTER HARDWARE - Computer Based Systems	Period 9 of 10	1	2%	2%	2%	Unchanged			1 Systems				
7 Days - 08/17/23 to 08/24/23	COMPUTER HARDWARE - Computer Based Systems	Period 10 of 10	1	-9%	-9%	-9%	Weakened			<-Systems 1	<-Systems 1			
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Computer Peripherals	Period 1 of 10 (Current)	10	-13%	-4%	9%	Weakened			<-Peripherals 10	<-Peripherals 10			
7 Days - 10/12/23 to 10/19/23	COMPUTER HARDWARE - Computer Peripherals	Period 2 of 10	10	-5%	-2%	2%	Weakened				<-Peripherals 10	<-Peripherals 10		
7 Days - 10/05/23 to 10/12/23	COMPUTER HARDWARE - Computer Peripherals	Period 3 of 10	10	-7%	0%	7%	Strengthened				10 Peripherals->	10 Peripherals->		
7 Days - 09/28/23 to 10/05/23	COMPUTER HARDWARE - Computer Peripherals	Period 4 of 10	10	-7%	0%	5%	Strengthened				10 Peripherals			
7 Days - 09/21/23 to 09/28/23	COMPUTER HARDWARE - Computer Peripherals	Period 5 of 10	10	-4%	-1%	7%	Weakened				10 Peripherals			
7 Days - 09/14/23 to 09/21/23	COMPUTER HARDWARE - Computer Peripherals	Period 6 of 10	10	-8%	-2%	3%	Unchanged				10 Peripherals			
7 Days - 09/07/23 to 09/14/23	COMPUTER HARDWARE - Computer Peripherals	Period 7 of 10	10	-4%	-1%	3%	Unchanged				10 Peripherals			
7 Days - 08/31/23 to 09/07/23	COMPUTER HARDWARE - Computer Peripherals	Period 8 of 10	10	-6%	-2%	3%	Weakened				<-Peripherals 10	<-Peripherals 10		
7 Days - 08/24/23 to 08/31/23	COMPUTER HARDWARE - Computer Peripherals	Period 9 of 10	10	-2%	3%	9%	Strengthened				10 Peripherals->	10 Peripherals->		
7 Days - 08/17/23 to 08/24/23	COMPUTER HARDWARE - Computer Peripherals	Period 10 of 10	10	-4%	-1%	4%	Weakened				<-Peripherals 10	<-Peripherals 10		
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Data Storage Devices	Period 1 of 10 (Current)	5	-11%	-5%	-2%	Weakened					<-Storage 5	<-Storage 5	
7 Days - 10/12/23 to 10/19/23	COMPUTER HARDWARE - Data Storage Devices	Period 2 of 10	5	-6%	-4%	-1%	Unchanged						5 Storage	
7 Days - 10/05/23 to 10/12/23	COMPUTER HARDWARE - Data Storage Devices	Period 3 of 10	5	-3%	1%	4%	Unchanged						5 Storage	
7 Days - 09/28/23 to 10/05/23	COMPUTER HARDWARE - Data Storage Devices	Period 4 of 10	5	-2%	0%	1%	Unchanged						5 Storage	
7 Days - 09/21/23 to 09/28/23	COMPUTER HARDWARE - Data Storage Devices	Period 5 of 10	5	0%	2%	3%	Unchanged						5 Storage	
7 Days - 09/14/23 to 09/21/23	COMPUTER HARDWARE - Data Storage Devices	Period 6 of 10	5	-9%	-3%	2%	Weakened						<-Storage 5	<-Storage 5
7 Days - 09/07/23 to 09/14/23	COMPUTER HARDWARE - Data Storage Devices	Period 7 of 10	5	-5%	-1%	1%	Unchanged						5 Storage	5 Storage
7 Days - 08/31/23 to 09/07/23	COMPUTER HARDWARE - Data Storage Devices	Period 8 of 10	5	-10%	-2%	6%	Weakened						5 Storage	5 Storage
7 Days - 08/24/23 to 08/31/23	COMPUTER HARDWARE - Data Storage Devices	Period 9 of 10	5	2%	7%	13%	Strengthened						5 Storage->	5 Storage->
7 Days - 08/17/23 to 08/24/23	COMPUTER HARDWARE - Data Storage Devices	Period 10 of 10	5	-2%	0%	2%	Weakened						<-Storage 5	<-Storage 5
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 1 of 10 (Current)	4	-11%	-5%	-1%	Weakened				<-Dvrsified Sys 4	<-Dvrsified Sys 4	<-Dvrsified Sys 4	
7 Days - 10/12/23 to 10/19/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 2 of 10	4	-4%	-2%	-1%	Unchanged						4 Dvrsified Sys	
7 Days - 10/05/23 to 10/12/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 3 of 10	4	-1%	2%	4%	Unchanged						4 Dvrsified Sys	
7 Days - 09/28/23 to 10/05/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 4 of 10	4	-1%	1%	3%	Weakened						4 Dvrsified Sys	
7 Days - 09/21/23 to 09/28/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 5 of 10	4	-5%	0%	4%	Strengthened						4 Dvrsified Sys	
7 Days - 09/14/23 to 09/21/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 6 of 10	4	-5%	-3%	-2%	Weakened						4 Dvrsified Sys	
7 Days - 09/07/23 to 09/14/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 7 of 10	4	-5%	-2%	1%	Unchanged						4 Dvrsified Sys	
7 Days - 08/31/23 to 09/07/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 8 of 10	4	-4%	-1%	1%	Unchanged						4 Dvrsified Sys	
7 Days - 08/24/23 to 08/31/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 9 of 10	4	-3%	4%	9%	Weakened						4 Dvrsified Sys	
7 Days - 08/17/23 to 08/24/23	COMPUTER HARDWARE - Diversified Computer Systems	Period 10 of 10	4	-2%	-1%	0%	Weakened						<-Dvrsified Sys 4	<-Dvrsified Sys 4
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 1 of 10 (Current)	11	-34%	-5%	9%	Weakened			<-Networking 11	<-Networking 11			
7 Days - 10/12/23 to 10/19/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 2 of 10	11	-13%	-5%	2%	Weakened				11 Networking			
7 Days - 10/05/23 to 10/12/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 3 of 10	11	-11%	1%	10%	Strengthened				11 Networking			
7 Days - 09/28/23 to 10/05/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 4 of 10	11	-30%	-7%	7%	Weakened				11 Networking			
7 Days - 09/21/23 to 09/28/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 5 of 10	11	-7%	1%	16%	Unchanged				11 Networking			
7 Days - 09/14/23 to 09/21/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 6 of 10	11	-14%	-7%	-2%	Weakened				11 Networking			
7 Days - 09/07/23 to 09/14/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 7 of 10	11	-5%	2%	30%	Unchanged				11 Networking			
7 Days - 08/31/23 to 09/07/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 8 of 10	11	-12%	-3%	4%	Weakened				11 Networking			
7 Days - 08/24/23 to 08/31/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 9 of 10	11	-2%	4%	9%	Strengthened				11 Networking			
7 Days - 08/17/23 to 08/24/23	COMPUTER HARDWARE - Networking & Communication Dev	Period 10 of 10	11	-11%	1%	13%	Unchanged				11 Networking			
7 Days - 10/19/23 to 10/26/23	COMPUTER HARDWARE - Personal Computers	Period 1 of 10 (Current)	1	-5%	-5%	-5%	Weakened			<-PCs 1	<-PCs 1	<-PCs 1		
7 Days - 10/12/23 to 10/19/23	COMPUTER HARDWARE - Personal Computers	Period 2 of 10	1	-3%	-3%	-3%	Weakened				<-PCs 1	<-PCs 1	<-PCs 1	
7 Days - 10/05/23 to 10/12/23	COMPUTER HARDWARE - Personal Computers	Period 3 of 10	1	3%	3%	3%	Strengthened				1 PCs->	1 PCs->	1 PCs->	
7 Days - 09/28/23 to 10/05/23	COMPUTER HARDWARE - Personal Computers	Period 4 of 10	1	2%	2%	2%	Unchanged				1 PCs			
7 Days - 09/21/23 to 09/28/23	COMPUTER HARDWARE - Personal Computers	Period 5 of 10	1	-2%	-2%	-2%	Unchanged				1 PCs			
7 Days - 09/14/23 to 09/21/23	COMPUTER HARDWARE - Personal Computers	Period 6 of 10	1	-1%	-1%	-1%	Unchanged				1 PCs			
7 Days - 09/07/23 to 09/14/23	COMPUTER HARDWARE - Personal Computers	Period 7 of 10	1	-1%	-1%	-1%	Unchanged				1 PCs			
7 Days - 08/31/23 to 09/07/23	COMPUTER HARDWARE - Personal Computers	Period 8 of 10	1	-5%	-5%	-5%	Weakened				<-PCs 1	<-PCs 1	<-PCs 1	<-PCs 1
7 Days - 08/24/23 to 08/31/23	COMPUTER HARDWARE - Personal Computers	Period 9 of 10	1	7%	7%	7%	Strengthened				1 PCs->	1 PCs->	1 PCs->	1 PCs->
7 Days - 08/17/23 to 08/24/23	COMPUTER HARDWARE - Personal Computers	Period 10 of 10	1	1%	1%	1%	Unchanged				1 PCs			

Green Highlight: Strengthened

Red Highlight: Weakened

No Highlight: Unchanged

2C. Stocks 1 Week Strongest and Weakest

What: stocks currently rated Strongest/Weakest (highest/lowest of 9 strength ratings)

Why: most interesting stocks for available capital because

- the Strongest have the least amount of overhead supply to dampen breakouts while
- the Weakest may be prone to volatility, subject to big pops from bottom-fishing and short-covering BUT ALSO to bigger and faster falls.

(Not guaranteed and not a recommendation – weak stocks in weakening sub-industries may be better shorts than high-flyers.)

STOCK DETAIL (EDUCATIONAL PURPOSES ONLY/NOT FINANCIAL ADVICE)									1 week 10/19/23 to 10/26/23								
Sub-Industry	Ticker	Company	ID1	ID2	% Chg	ID3	Status		9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest
COMPUTER HARDWARE - Computer Based Systems	OMCL	Omnicell Inc	95-95-79		0%	-1%	-40%	9Weakest	OMCL	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Computer Peripherals	LOGI	Logitech Intl Sa Ord	15-79-79		41%	9%	23%	1Strongest	.	.	.	.	.	.	.	.	LOGI
COMPUTER HARDWARE - Computer Peripherals	ALOT	AstroNova Inc	95-79-79		35%	4%	7%	9Weakest	ALOT	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Computer Peripherals	IMMR	Immersion Corporation	95-79-79		19%	0%	9%	9Weakest	IMMR	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Computer Peripherals	CRSR	Corsair Gaming Inc	95-79-79		4%	-2%	-23%	9Weakest	CRSR	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Computer Peripherals	RDCM	Radcom Ltd	95-79-79		28%	-5%	-17%	9Weakest	RDCM	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Computer Peripherals	MRCY	Mercury Computer Systems	99-79-79		7%	-5%	-16%	9Weakest	<---MRCY	<---MRCY	<---MRCY	<---MRCY	.	.	.	.	.
COMPUTER HARDWARE - Computer Peripherals	SYNA	Synaptics Inc	99-79-79		21%	-10%	-13%	9Weakest	<---SYNA	<---SYNA	<---SYNA	<---SYNA	.	.	.	.	.
COMPUTER HARDWARE - Computer Peripherals	SSYS	Stratasys Inc	95-79-79		0%	-13%	-12%	9Weakest	SSYS	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Data Storage Devices	GDS	GDS Holdings Ltd	95-59-79		1%	-3%	-13%	9Weakest	GDS	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Diversified Computer System	HPQ	Hp Inc	95-69-79		48%	-1%	-11%	9Weakest	HPQ	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Networking & Communicatic	COMM	CommScope Holding Company Inc	95-79-79		1%	9%	-11%	9Weakest	COMM	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Networking & Communicatic	DGII	Digi International Inc	95-79-79		52%	2%	-14%	9Weakest	DGII	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Networking & Communicatic	JNPR	Juniper Networks	95-79-79		38%	0%	-16%	9Weakest	JNPR	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Networking & Communicatic	CMBM	Cambium Networks Corporation	95-79-79		1%	-4%	-18%	9Weakest	CMBM	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Networking & Communicatic	LITE	Lumentum Holdings Inc	95-79-79		0%	-8%	-19%	9Weakest	LITE	.	.	.	.	.	.	.	.
COMPUTER HARDWARE - Networking & Communicatic	SILC	Silicom Ltd	95-79-79		0%	-34%	-14%	9Weakest	SILC	.	.	.	.	.	.	.	.

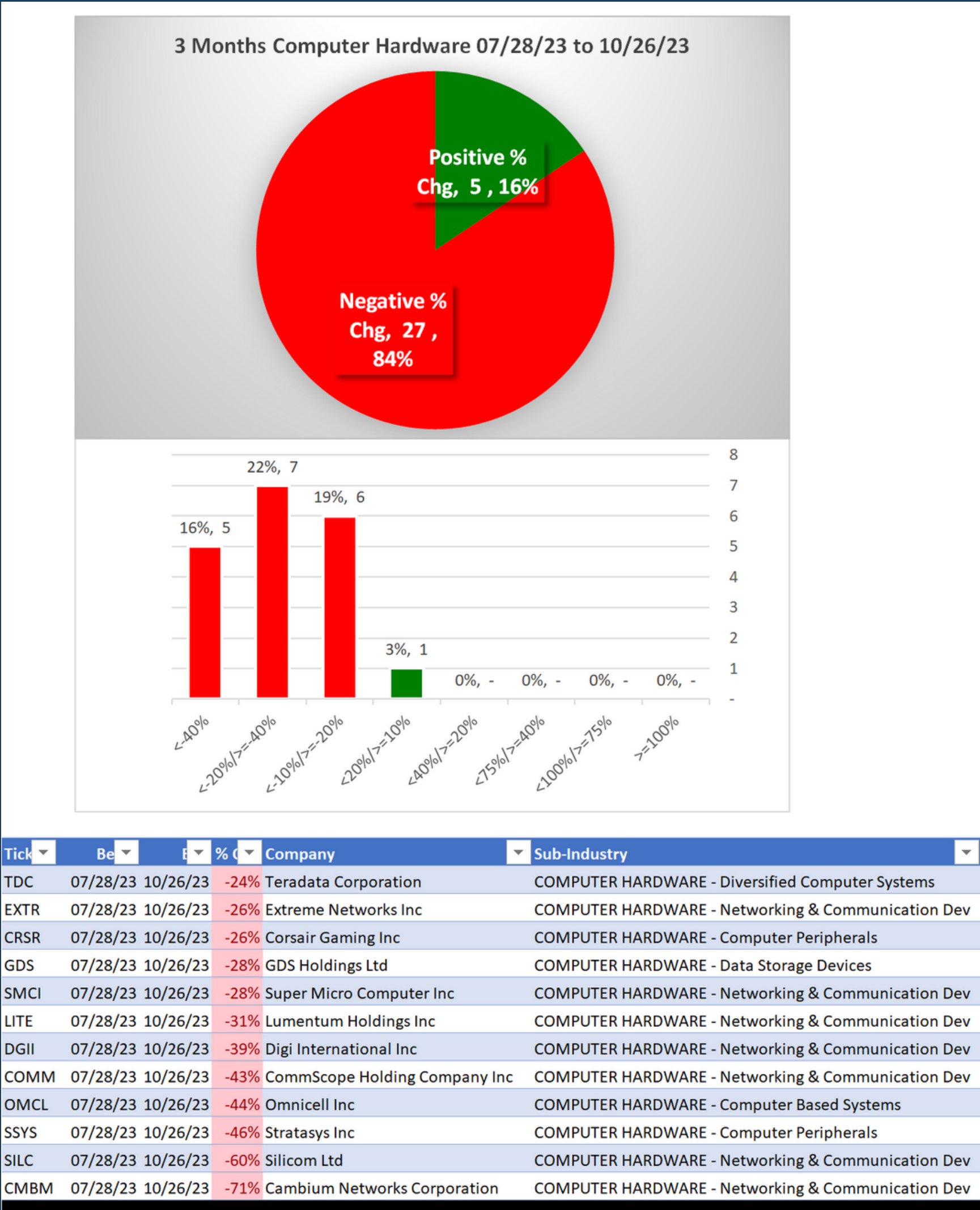


Strongest to Weakest stocks ratio is 1:16 (3% and 50% of total) 10/19/23 to 10/26/23.



3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)

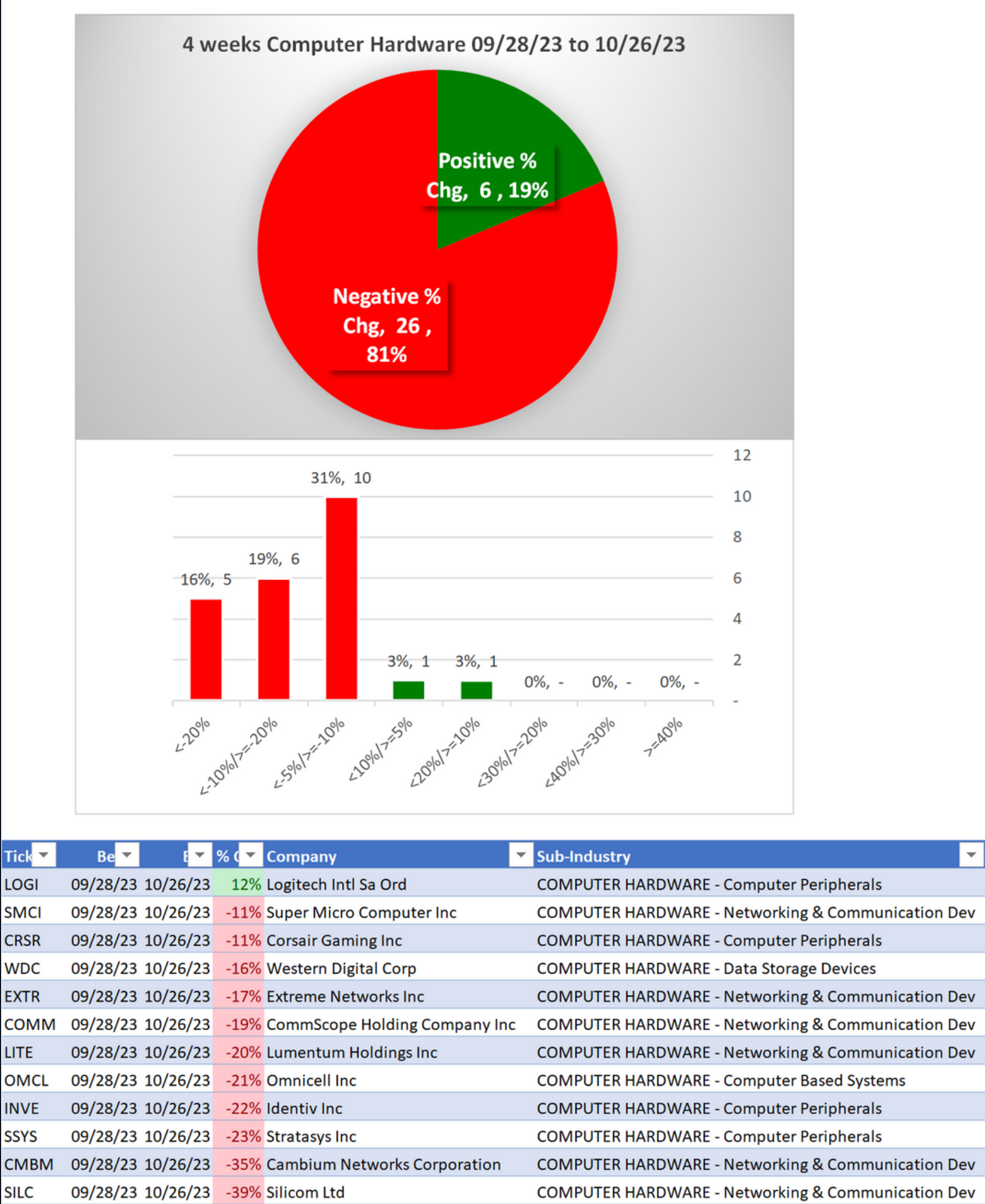
3A. Lookback 3 Months



0 stocks >+20% and 12 stocks <-20% (0% and 38% of total) 07/28/23 to 10/26/23.

3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)

3B. Lookback 4 Weeks

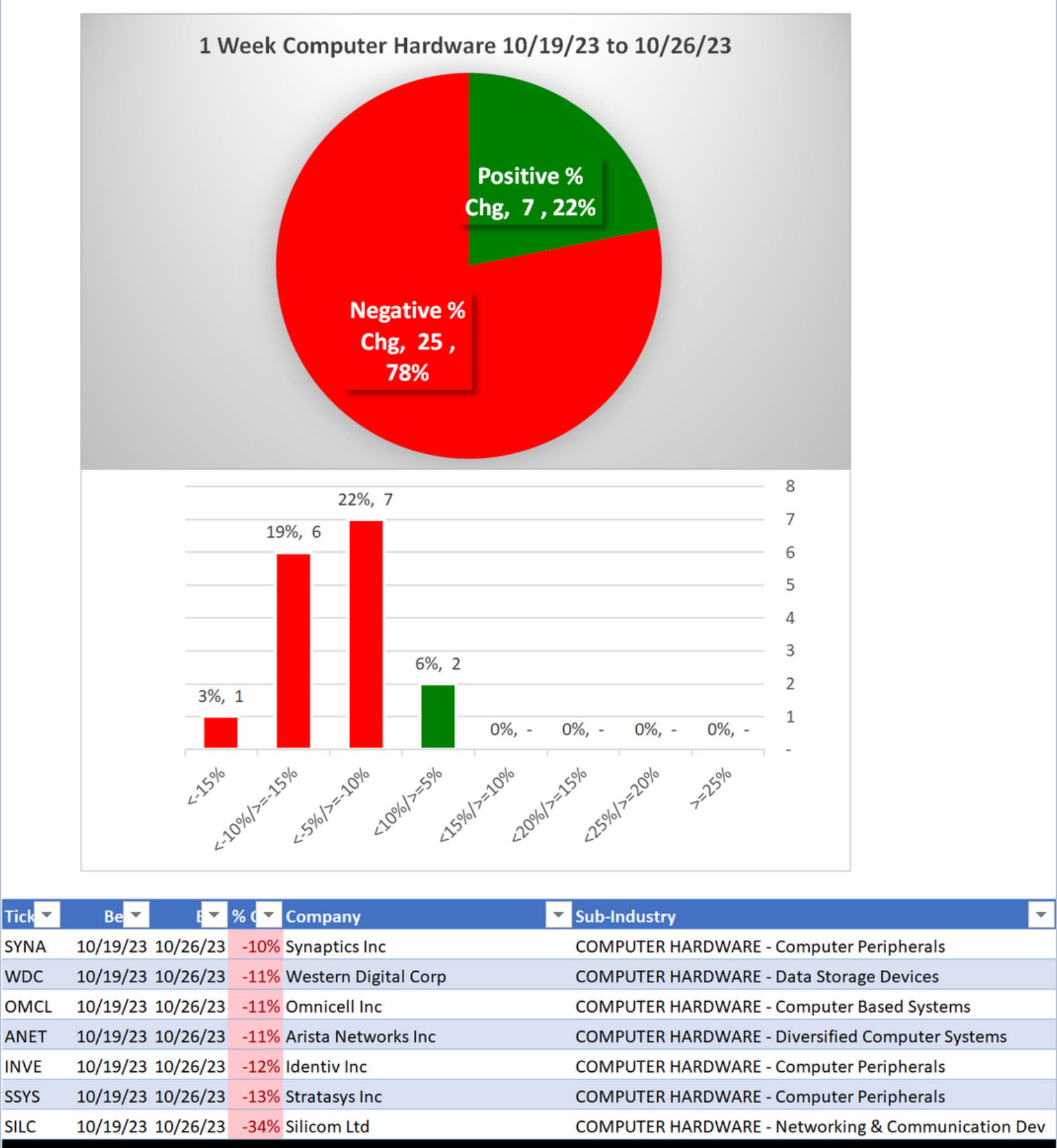


1 stock >+10% and 11 stocks <-10% (3% and 34% of total) 09/28/23 to 10/26/23.



3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)

3C. Lookback 1 Week



0 stocks >+10% and 7 stocks <-10% (0% and 22% of total) 10/19/23 to 10/26/23.