

# BlueStar<sup>®</sup> US Machine Learning and Quantum Computing Index

The BlueStar<sup>®</sup> US Machine Learning and Quantum Computing Index (BUQFC) tracks the performance of the largest and most liquid US Exchange-listed companies in the quantum computing and machine learning industries. This is a modified market cap-weighted index, and only includes companies that generate at least 50% of their revenue from products and services related to quantum computing or machine learning, such as the development or use of quantum computers or computing chips, superconducting materials, applications built on quantum computers, embedded artificial intelligence chips, or software that specialize in the perception, collection, visualization, or management of big data.

## Key Features

### Size and Liquidity Requirements

Full MCap of at least 150 mln USD. Three month average-daily-trading volume of at least 1 mln USD at a review and also at the previous two reviews. At least 250,000 shares traded per month over the last six months at a review and also at the previous two reviews.

### Universe

Companies have to offer products or services related to quantum computing or machine learning technology, and be US listed.

### Diversification

Companies are equally weighted.

### Review

Semi-annual in June and December.



Index 679.53/86.67 679.53/445.60

## Index Data

### INDEX PARAMETERS

Launch Date	08 Mar 2021	Components	52
Type	Sector	Volatility (250 days)	23.66
Currency	USD	Full MCap bn USD	10,420.82
Base Date	18 Dec 2015	Float MCap bn USD	8,557.24
Base Value	100.00	Correlation* (250 days)	0.00

\* -

### FUNDAMENTALS\*

Price/Earnings Trailing	394.08
Price/Book	3.52
Price/Sales	3.25
Price/Cash Flow	14.28
Dividend Yield	1.00

\* as of 31 Jul 2024

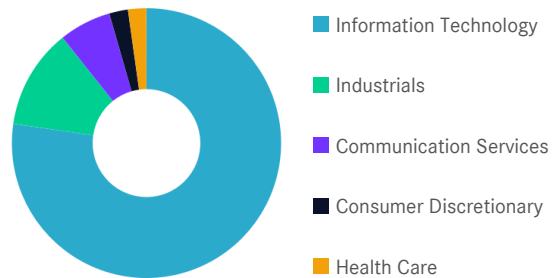
### ANNUALISED PERFORMANCE\*

1 Month	0.83%
1 Year	9.48%
3 Years	3.56%
5 Years	18.17%
7 Years	22.11%

\* Total Return Net Index

## Sector Weightings

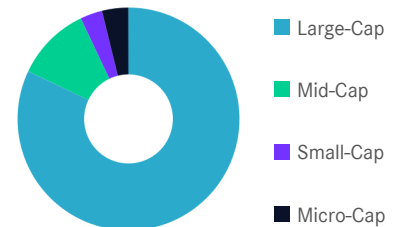
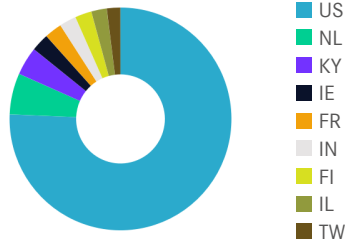
Sector	Count	Weight
Information Technology	42	77.30%
Industrials	5	11.98%
Communication Services	3	6.25%
Consumer Discretionary	1	2.27%
Health Care	1	2.20%



# BlueStar® US Machine Learning and Quantum Computing Index

## Country and Size Weightings

Country	Count	Weight
United States	40	75.66%
Netherlands	4	5.98%
Cayman Islands	2	4.14%
Ireland	1	2.59%
France	1	2.53%
India	1	2.44%
Finland	1	2.42%
Israel	1	2.27%
Taiwan	1	1.97%



Size	Count	Weight
Large-Cap (> 6 bn)	42	82.03%
Mid-Cap (1.5 bn - 6 bn)	6	10.90%
Small-Cap (0.2 bn - 1.5 bn)	2	3.22%
Micro-Cap (0.0 bn - 0.2 bn)	2	3.85%

## Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
LOCKHEED MARTIN CORP	US	2.69%	ORANGE S.A.	7.77%	-0.17%
NORTHROP GRUMMAN CORP	US	2.63%	ACCENTURE PLC-CL A	-1.99%	-0.32%
ACCENTURE PLC-CL A	IE	2.59%	LOCKHEED MARTIN CORP	27.49%	-0.34%
INTERNATIONAL BUSINESS MACHINES CORP	US	2.59%	JUNIPER NETWORKS INC	32.59%	-0.54%
ORANGE S.A.	FR	2.53%	HEWLETT PACKARD ENTERPRISE COMPANY	4.62%	-0.62%
WIPRO LTD-ADR	IN	2.44%			
NOKIA CORP-SPON ADR	FI	2.42%			
RTX CORPORATION	US	2.42%			
JUNIPER NETWORKS INC	US	2.35%			
CIRRUS LOGIC INC	US	2.33%			
TOWER SEMICONDUCTOR LTD	IL	2.27%			
ALIBABA GROUP HOLDING-SP ADR	KY	2.27%			
<b>Subtotal</b>		29.52%			
			<b>Worst Performing Components</b>	<b>YTD</b>	<b>1 Day</b>
			COHERENT CORP	57.45%	-7.70%
			RIGETTI COMPUTING INC	-23.48%	-5.80%
			ONTO INNOVATION INC	15.96%	-5.52%
			ASML HOLDING NV-NY REG SHS	-0.07%	-5.38%
			MARVELL TECHNOLOGY INC	10.06%	-5.28%

## Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
<b>Price Return</b>	BUQFC	DE000SL0C6P6	SL0C6P	BMV3647	BUQFC	.BUQFC	110355584
<b>Total Return Net</b>	BUQFCNTR	DE000SL0C6Q4	SL0C6Q	BMV3658	BUQFCNTR	.BUQFCNTR	110355586
<b>Total Return Gross</b>	-	-	-	-	-	-	-

## BlueStar® US Machine Learning and Quantum Computing Index

---

For further information visit [www.marketvector.com](http://www.marketvector.com)

Nothing on this factsheet shall be considered a solicitation to buy or an offer to sell a security, or any other product or service, to any person in any jurisdiction where such offer, solicitation, purchase or sale would be unlawful under the laws of such jurisdiction. Neither MarketVector Indexes GmbH nor any of its licensors makes any warranties or representations, express or implied, to the user with respect to any of the data contained herein. The data is provided for informational purposes only, and the Company shall not be responsible or liable for the accuracy, usefulness or availability of any information transmitted or made available through it. The MarketVector™ family of indexes (MarketVector™, BlueStar®, MVIS®) is protected through various intellectual property rights and unfair competition and misappropriation laws. MVIS® is a registered trademark of Van Eck Associates Corporation that has been licensed to MarketVector Indexes GmbH. MarketVector™ and MarketVector Indexes™ are pending trademarks of Van Eck Associates Corporation. BlueStar®, BlueStar Indexes®, BIGI® and BIGITech® are trademarks of MarketVector Indexes GmbH. You require a licence to launch any product whose performance is linked to the value of a particular MarketVector™ Index and for all use of the MarketVector™ name or name of the MarketVector™ Index in the marketing of the product.