MarketVector™ Indexes

BlueStar® Machine Learning and Quantum Computing Index

The BlueStar® Machine Learning and Quantum Computing Index (BQTUM) tracks the performance of the largest and most liquid companies in the global 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

Index		
	557.13/87.19	557.13/371.80

Size and Liquidity Requirements
Full MCap of at least 150 mln USD. Three months 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.

Diversification
Companies are equally weighted.

Review
Semi-annual in June and December.

Index Data

INDEX PARAMETERS

Launch Date	07 Jun 2018	**Components**		70
Type	Sector	**Volatility** (250 days)		19.74
Currency	USD	**Full MCap** bn USD		12,030.78
Base Date	18 Dec 2015	**Float MCap** bn USD		9,826.69
Base Value	100.00	**Correlation*** (250 days)		0.24

* Indxx Global Robotics & Artificial Intelligence Thematic

FUNDAMENTALS*

Price/Earnings Trailing	76.08
Price/Book	3.32
Price/Sales	2.65
Price/Cash Flow	13.87
Dividend Yield	1.23

* as of 31 Jul 2024

ANNUALISED PERFORMANCE*

1 Month	2.37%
1 Year	21.79%
3 Years	4.53%
5 Years	17.72%
7 Years	20.36%

* Total Return Net Index

Sector Weightings

Sector	Count	Weight
Information Technology	54	74.61%
Industrials	9	14.34%
Communication Services	5	7.77%
Health Care	1	1.65%
Consumer Discretionary	1	1.63%

- Information Technology
- Industrials
- Communication Services
- Health Care
- Consumer Discretionary
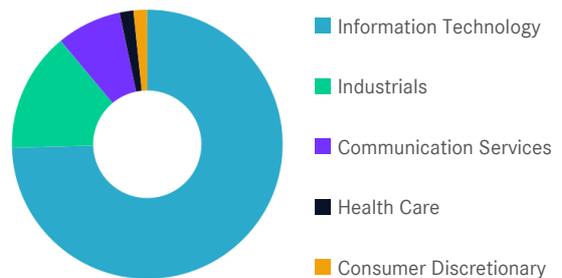
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Country and Size Weightings

Country	Count	Weight
United States	40	56.06%
Japan	8	12.61%
Netherlands	6	7.32%
Taiwan	4	5.53%
Cayman Islands	3	4.28%
Ireland	1	1.84%
India	1	1.77%
France	1	1.77%
Finland	1	1.66%
Israel	1	1.65%
Italy	1	1.55%
Switzerland	1	1.44%
Others	2	2.51%

Legend (left donut): US, JP, NL, TW, KY, IE, IN, FR, FI, IL, IT, CH, Others

Legend (right donut): Large-Cap, Mid-Cap, Small-Cap, Micro-Cap
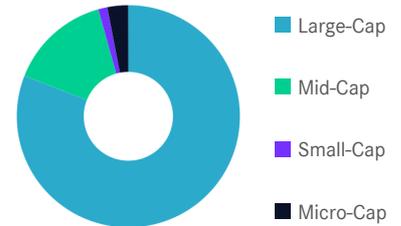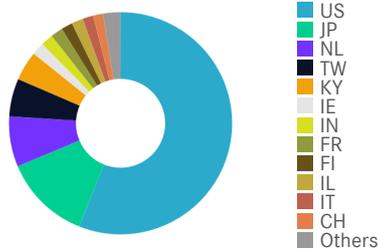
Size	Count	Weight
Large-Cap (> 6 bn)	56	80.95%
Mid-Cap (1.5 bn - 6 bn)	11	14.70%
Small-Cap (0.2 bn - 1.5 bn)	1	1.32%
Micro-Cap (0.0 bn - 0.2 bn)	2	3.03%

Index Components

Top Components by Weight	Country	Weight
FUJITSU LTD ORD	JP	1.98%
INTERNATIONAL BUSINESS MACHINES CORP	US	1.91%
LOCKHEED MARTIN CORP	US	1.87%
ACCENTURE PLC-CL A	IE	1.84%
NORTHROP GRUMMAN CORP	US	1.83%
WIPRO LTD-ADR	IN	1.77%
ORANGE S.A.	FR	1.77%
NEC CORP ORD	JP	1.75%
NTT DATA GROUP CO	JP	1.73%
ASUSTEK COMPUTER INC	TW	1.72%
RTX CORPORATION	US	1.68%
HITACHI LTD	JP	1.68%
Subtotal		21.52%

Best Performing Components	YTD	1 Day
MICROSTRATEGY INC-CL A	123.98%	8.18%
IONQ INC	-37.37%	5.15%
SYNAPTICS INC	-34.63%	4.72%
MICRON TECHNOLOGY INC	7.09%	4.60%
RIGETTI COMPUTING INC	-13.43%	3.95%

Worst Performing Components	YTD	1 Day
ALCHIP TECHNOLOGIES LTD	-29.99%	-2.32%
MEDIATEK	11.48%	-2.25%
GLOBAL UNICHIP CORP	-42.19%	-1.53%
NEC CORP ORD	56.30%	-1.15%
ALIBABA GROUP HOLDING-SP ADR	11.63%	-0.94%

Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
Price Return	BQTUM	DE000SL0FUQ7	SL0FUQ	BQ0GS05	BQTUM	.BQTUM	118655363
Total Return Net	BQTUMNTR	DE000SL0FUR5	SL0FUR	BQ0GS16	BQTUMNTR	.BQTUMNTR	118655364
Total Return Gross	BQTUMTR	DE000SLA5JF2	SLA5JF	BMGR4X9	BQTUMTR	.BQTUMTR	42196303

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For further information visit www.marketvector.com