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 are acitive in the quantum computing or machine learning business, 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 | 1,084.32/87.40 | 1,084.32/607.33 |

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					FUNDAMENTALS*		ANNUALISED PERFORMANCE*	
Launch Date	07 Jun 2018		**Components**	76	**Price/Earnings Trailing**	43.03	**1 Month**	–3.61%
Type	Sector		**Volatility** (250 days)	29.22	**Price/Book**	4.34	**1 Year**	60.09%
Currency	USD		**Full MCap** bn USD	20,114.93	**Price/Sales**	3.40	**3 Years**	40.15%
Base Date	18 Dec 2015		**Float MCap** bn USD	16,103.51	**Price/Cash Flow**	17.41	**5 Years**	23.93%
Base Value	100.00		**Correlation*** (250 days)	0.73	**Dividend Yield**	1.02	**Since Inception**	26.32%

* Indxx Global Robotics & Artificial Intelligence Thematic * as of 31 Oct 2025 ** Total Return Net Index*

Sector Weightings

Sector	Count	Weight
Information Technology	60	79.99%
Industrials	9	10.61%
Communication Services	5	6.51%
Health Care	1	1.51%
Consumer Discretionary	1	1.38%

- Information Technology
- Industrials
- Communication Services
- Health Care
- Consumer Discretionary

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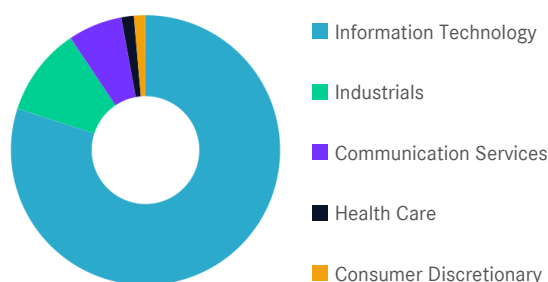
Country and Size Weightings

Country	Count	Weight
United States	45	62.15%
Japan	7	8.39%
Taiwan	5	6.80%
Netherlands	6	6.43%
Cayman Islands	4	5.07%
Israel	1	2.76%
Switzerland	1	1.31%
Finland	1	1.21%
France	1	1.20%
Germany	1	1.06%
United Kingdom	1	1.02%
India	1	0.96%
Others	2	1.63%

Legend: US, JP, TW, NL, KY, IL, CH, FI, FR, DE, GB, IN, Others

Legend: Large-Cap, Mid-Cap, Small-Cap, Micro-Cap
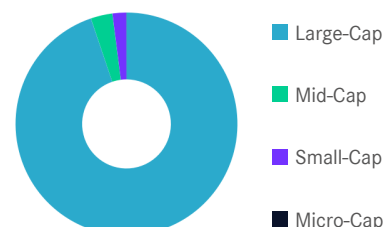
Size	Count	Weight
Large-Cap (> 6 bn)	71	94.81%
Mid-Cap (1.5 bn - 6 bn)	3	3.16%
Small-Cap (0.2 bn - 1.5 bn)	2	2.03%
Micro-Cap (0.0 bn - 0.2 bn)	0	0.00%

Index Components

Top Components by Weight	Country	Weight
TOWER SEMICONDUCTOR LTD	IL	2.76%
RIGETTI COMPUTING INC	US	2.38%
TERADYNE INC	US	2.21%
MICRON TECHNOLOGY INC	US	2.15%
COHERENT CORP	US	2.13%
INTEL CORP	US	2.07%
GLOBAL UNICHIP CORP	TW	1.95%
ALPHABET INC-CL A	US	1.90%
ADVANCED MICRO DEVICES	US	1.89%
LAM RESEARCH CORP	US	1.81%
MKS INSTRUMENTS INC	US	1.76%
IONQ INC	US	1.76%
Subtotal		**24.77%**

Best Performing Components	YTD	1 Day
INTEL CORP	102.29%	10.19%
COHERENT CORP	73.40%	6.66%
GLOBAL UNICHIP CORP	76.09%	5.67%
IONQ INC	18.03%	5.12%
MEDIATEK	7.27%	3.92%

Worst Performing Components	YTD	1 Day
HON HAI PRECN.IND.	32.60%	-2.55%
ASUSTEK COMPUTER INC	7.32%	-1.81%
NVIDIA CORP	31.83%	-1.81%
FUJITSU LTD ORD	50.50%	-1.75%
NEC CORP ORD	117.91%	-1.47%

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