

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

The BlueStar<sup>®</sup> 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 active 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 722.34/87.19 722.34/459.32

#### 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

<b>Launch Date</b>	07 Jun 2018	<b>Components</b>	69
<b>Type</b>	Sector	<b>Volatility</b> (250 days)	29.45
<b>Currency</b>	USD	<b>Full MCap</b> bn USD	11,314.73
<b>Base Date</b>	18 Dec 2015	<b>Float MCap</b> bn USD	9,211.31
<b>Base Value</b>	100.00	<b>Correlation*</b> (250 days)	0.73

\* Indxx Global Robotics & Artificial Intelligence Thematic \* as of 31 Mar 2025

#### FUNDAMENTALS\*

<b>Price/Earnings Trailing</b>	38.96
<b>Price/Book</b>	3.38
<b>Price/Sales</b>	2.75
<b>Price/Cash Flow</b>	14.10
<b>Dividend Yield</b>	1.30

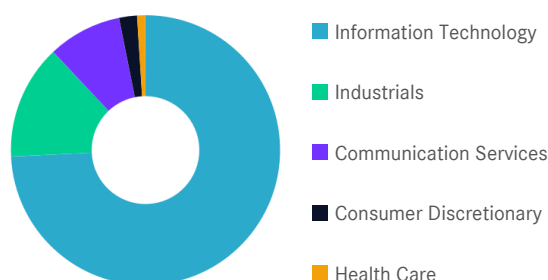
#### ANNUALISED PERFORMANCE\*

<b>1 Month</b>	-7.72%
<b>1 Year</b>	27.09%
<b>3 Years</b>	16.23%
<b>5 Years</b>	22.77%
<b>Since Inception</b>	21.13%

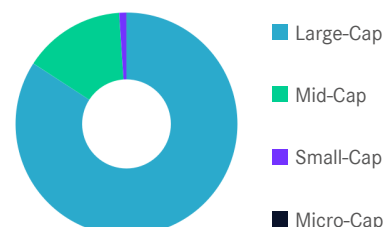
\* Total Return Net Index

### Sector Weightings

Sector	Count	Weight
Information Technology	53	74.25%
Industrials	9	13.73%
Communication Services	5	8.86%
Consumer Discretionary	1	2.17%
Health Care	1	0.99%



## Country and Size Weightings



Size	Count	Weight
Large-Cap ( > 6 bn)	58	84.14%
Mid-Cap (1.5 bn - 6 bn)	10	14.81%
Small-Cap (0.2 bn - 1.5 bn)	1	1.05%
Micro-Cap (0.0 bn - 0.2 bn)	0	0.00%

## Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
D-WAVE QUANTUM INC	US	3.59%	D-WAVE QUANTUM INC	-15.12%	14.08%
ORANGE SA	FR	2.33%	MKS INSTRUMENTS INC	-34.80%	8.03%
PALANTIR TECHNOLOGIES INC	US	2.26%	COHERENT CORP	-37.36%	7.64%
ALIBABA GROUP HOLDING-SP ADR	KY	2.17%	PALANTIR TECHNOLOGIES INC	33.31%	7.27%
NEC CORP ORD	JP	2.14%	MONGODB INC	-30.13%	6.91%
RIGETTI COMPUTING INC	US	2.00%			
ROYAL KPN NV	NL	1.98%			
NOKIA CORP-SPON ADR	FI	1.95%	Worst Performing Components	YTD	1 Day
FUJITSU LTD ORD	JP	1.82%	NEC CORP ORD	29.35%	-1.88%
INTERNATIONAL BUSINESS MACHINES CORP	US	1.73%	ORANGE SA	44.13%	-1.81%
REPLY SPA	IT	1.68%	NVE CORP	-29.44%	-1.19%
MITSUBISHI ELECTRIC CORP	JP	1.68%	ROYAL KPN NV	28.82%	-1.16%
Subtotal		25.32%	NIPPON TELEGRAPH & TELEPHONE ORD	6.68%	-1.07%

## 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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