

Index Description

- The BlueStar Quantum Computing and Machine Learning Index is comprised of equity securities of leading global companies engaged in the research and development or commercialization of systems and materials used in quantum computing: advanced traditional computing hardware, high powered computing data connectivity solutions and cooling systems, and companies that specialize in the perception, collection and management of heterogeneous big data used in machine learning.
- Index components are assigned an equal weight subject to a liquidity overlay, index components are reviewed semi-annually for eligibility, and the weights are reset accordingly

Why Invest in Quantum Computing?

- Quantum computers use principles of quantum mechanics to perform significantly more complex computations, and at exponentially faster speeds, than conventional computers.
- Quantum Computing is set to fundamentally enhance Machine Learning (“ML”), a subset of artificial intelligence (“AI”), which gives computers the ability to “learn” with data, without being explicitly programmed.
- It’s hard to overestimate the potential impact of these technologies. While virtually every industry could benefit, key applications include aerospace and defense, autonomous vehicles, cyber security, drug discovery, energy and finance.

HOLDINGS SNAPSHOT (%)

As of 09/30/2019

Company	Ticker	Exchange	%
CLOUDERA INC	CLDR	NYSE	2.08%
WESTERN DIGITAL CORP	WDC	NASDAQ	1.82%
KLA CORP	KLAC	NASDAQ	1.70%
MAXAR TECHNOLOGIES INC	MAXR	NYSE	1.63%
RENESAS ELECTRONICS CORP	6723	TYO	1.61%
CIRRUS LOGIC INC	CRUS	NASDAQ	1.58%
TOWER SEMICONDUCTOR LTD	TSEM	NASDAQ	1.58%
MICRON TECHNOLOGY INC	MU	NASDAQ	1.53%
LATTICE SEMICONDUCTOR CORP	LSCC	NASDAQ	1.52%
TERADYNE INC	TER	NASDAQ	1.51%

Fund holdings and sectors are subject to change at any time and should not be considered recommendations to buy or sell any security.

QTUM

Defiance Quantum ETF

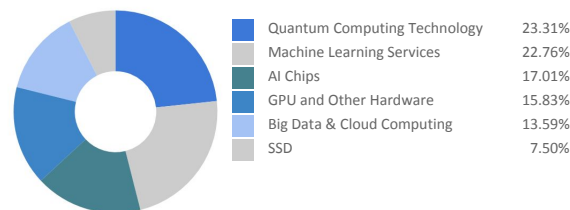
FOR MORE INFORMATION

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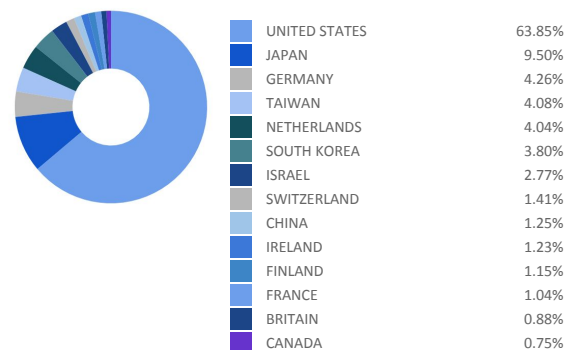
FUND DETAILS

Ticker	QTUM
Exchange	NYSE
CUSIP	26922A 420
IOPV Symbol	QTUM.IV
NAV Symbol	QTUM.NV
Exchange	NYSE
Inception Date	9/4/2018
Expense Ratio	0.40%
Net Assets	\$7.7M

SUBSECTOR BREAKDOWN



GEOGRAPHIC BREAKDOWN



STANDARDIZED PERFORMANCE

Quarter end returns as of 09/30/2018

	AVG ANNUALIZED				
	1 Mo	3 Mo	1 Yr	3 Yr	Since Inception
Fund NAV	3.41%	5.21%	5.23%	N/A	3.31%
Market Price	3.48%	5.30%	5.38%	N/A	3.62%

The performance data quoted represents past performance. Past performance does not guarantee future results. The investment return and principal value of an investment will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than their original cost and current performance may be lower or higher than the performance narrative quoted. Performance current to the most recent month-end can be obtained by calling (1-833-333-9383).

Short term performance in particular is not a good indication of the fund's future performance, and an investment should not be made based solely on returns.

Market price is the price at which shares in the ETF can be bought or sold on the exchanges during trading hours, while the net asset value (NAV) represents the value of each share's portion of the fund's underlying assets and cash at the end of the trading day.

The Funds' investment objectives, risks, charges, and expenses must be considered carefully before investing. The prospectus and summary prospectus contains this and other important information about the investment company. The prospectus can be obtained by calling 1-833-333-9383 Please read it carefully before investing.

Investing involves risk. Principal loss is possible. As an ETF, the fund may trade at a premium or discount to NAV. Shares of any ETF are bought and sold at market price (not NAV) and are not individually redeemed from the Fund. The Fund is not actively managed and would not sell a security due to current or projected under performance unless that security is removed from the Index or is required upon a reconstitution of the Index. A portfolio concentrated in a single industry or country, may be subject to a higher degree of risk. The value of stocks of information technology companies are particularly vulnerable to rapid changes in technology product cycles, rapid product obsolescence, government regulation and competition. The Fund is considered to be non-diversified, so it may invest more of its assets in the securities of a single issuer or a smaller number of issuers. Investments in foreign securities involve certain risks including risk of loss due to foreign currency fluctuations or to political or economic instability. This risk is magnified in emerging markets. Small and mid-cap companies are subject to greater and more unpredictable price changes than securities of large-cap companies.

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It is not possible to invest directly in an index.

Diversification does not assure a profit, nor does it protect against a loss in a declining market.

The Fund is distributed by Quasar Distributors, LLC.