



8th Generation Fiber Channel Technology Development

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The new Brocade Fibre Channel (FC) switch family meets current and near-future storage networking needs by doubling the current standard FC speed of 4 Gbit/sec to 8 Gbit/sec.

The new Gen 8 Fibre Channel portfolio features quantum-resistant 256-bit encryption and post-quantum cryptography algorithms aimed at protecting data from future quantum computing ...

The launch of the Brocade Gen 8 portfolio underscores Broadcom's unmatched leadership and innovation in Fibre Channel technology. The Brocade X8 directors form the core of ...

Beyond its powerful performance capabilities, Brocade Gen 8 delivers security, intelligence, and AI-powered autonomy, fortifying your SAN for the quantum computing era and streamlining operations.

Fibre Channel has doubled in speed every few years since 1996. In addition to a modern physical layer, Fibre Channel also added support for any number of "upper layer" protocols, including ATM, IP ...

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The development of FC-PI-8 kicked off in December 2022 and took place within the INCITS Fibre Channel technical committee, which is responsible for creating and maintaining Fibre ...

Gen 8 (128GFC) -- FC-PI-8 development completed by end-2023; FCIA indicates market availability expected by ~2025 as vendors productize. Roadmap -- FCIA's speed map shows ...

Branded as Brocade Gen 8 Fibre Channel, the portfolio is designed to secure storage for the emerging quantum era while automating SAN operations using embedded SAN AI technology.

The INCITS/Fibre Channel Technical Committee (aka T11) is pleased to announce the completion of the Fibre Channel Physical Interface (FC-PI-8) standard specifications for 128G Fibre Channel (128GFC).



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