SNIA DEVELOPER CONFERENCE

SDC 24

BY Developers FOR Developers

September 16-18, 2024
Santa Clara, CA

Problems with AI Interconnects?

Come yell at our Opinionated Experts!

The Opinionated Experts

Sr. Director NAND Product Planning – Standards, Samsung

Mechanical Engineer, Amphenol

Co-Chair SFF TA

SNIA TC

Director, SSD Industry Standards, Kioxia

SNIA Board Member

Distinguished Member of the Technical Staff, Micron

Co-Chair SFF TA

SNIA TC

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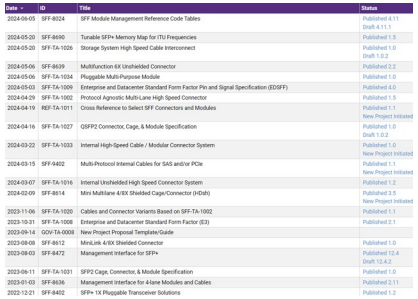
A Quick Note on SFF

76 member companies

150+ published specs



Date	ID	Title	Status
2024-06-05	SFF-8024	SFF Module Management Reference Code Tables	Published 4.11 Draft 4.11.1
2024-05-20	SFF-8690	Tunable SFP+ Memory Map for ITU Frequencies	Published 1.5
2024-05-20	SFF-TA-1026	Storage System High Speed Cable Interconnect	Published 1.0 Draft 1.0.2
2024-05-06	SFF-8639	Multifunction 6X Unshielded Connector	Published 2.2
2024-05-06	SFF-TA-1034	Pluggable Multi-Purpose Module	Published 1.0
2024-05-03	SFF-TA-1009	Enterprise and Datacenter Standard Form Factor Pin and Signal Specification (EDSFF)	Published 4.0
2024-04-29	SFF-TA-1002	Protocol Agnostic Multi-Lane High-Speed Connector	Published 1.5
2024-04-19	REF-TA-1011	Cross Reference to Select SFF Connectors and Modules	Published 1.1 New Project Initiated
2024-04-16	SFF-TA-1027	QSFP2 Connector, Cage, & Module Specification	Published 1.0 Draft 1.0.2
2024-03-22	SFF-TA-1033	Internal High-Speed Cable / Modular Connector System	Published 1.0 New Project Initiated
2024-03-15	SFF-8402	Multi-Protocol Internal Cables for SAS and/or PCIe	Published 1.1 New Project Initiated
2024-03-07	SFF-TA-1016	Internal Unshielded High Speed Connector System	Published 1.2
2024-02-09	SFF-8614	Mini Multilane 4/8X Shielded Cage/Connector (HDdt)	Published 3.5 New Project Initiated
2023-11-06	SFF-TA-1020	Cables and Connector Variants Based on SFF-TA-1002	Published 1.1
2023-10-31	SFF-TA-1008	Enterprise and Datacenter Standard Form Factor (E3)	Published 2.1
2023-09-14	GOV-TA-0008	New Project Proposal Template/Guide	
2023-08-08	SFF-8612	MiniLink 4/8X Shielded Connector	Published 1.0
2023-08-03	SFF-8472	Management Interface for SFP+	Published 12.4 Draft 12.4.2
2023-06-11	SFF-TA-1031	SFP2 Cage, Connector, & Module Specification	Published 1.0
2023-01-03	SFF-8636	Management Interface for 4-lane Modules and Cables	Published 2.11
2022-12-21	SFF-8402	SFP+ 1X Pluggable Transceiver Solutions	Published 1.2

Specifications used everywhere

In the last 12 months, we:

Published 5 new specifications

Revised 7 existing specifications

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Basic Ground Rules

- This is an open panel. Please ask questions
- Topics we have strong opinions on:
  - Post PCIe Gen 6 cables and connectors
  - Higher storage capacities in form factors
  - Lane Bifurcation and lane counts with higher PCIe speeds
  - Retimers (Optical vs. electrical).
  - Transceivers at higher speeds (400+)

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Join SFF to help create the next AI interconnects!

- Resources:
  - How to Join: https://www.snia.org/join
  - Public Site: https://www.snia.org/sff
  - Specifications: https://www.snia.org/sff/specifications
  - Questions about membership? Please send mail to membership@snia.org
  - Additional questions? Please send mail to sff_ta_twgchair@snia.org

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Your feedback is important to us.

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