

SNIA DEVELOPER CONFERENCE



By Developers FOR Developers

Hyatt Regency Santa Clara, CA
September 15-17, 2025

A decorative graphic consisting of a series of dots forming a wave that starts as a thin purple line on the left, transitions to yellow in the middle, and ends as a light blue wave on the right.

448G/lane? PCIe™ 7.0? E2 form factor?

Suffer the egos of the opinionated experts working to meet the bandwidth, interconnect, and capacity for these AI capable interconnects and form factors.

www.sniadeveloper.org

The Opinionated Experts



Sr. Director NAND
Product Planning -
Standards,
Samsung



Director, SSD Industry
Standards, Kioxia
SNIA Board Member



Distinguished Member of
the Technical Staff,
Micron
Co-Chair SFF TWG
SNIA Board Member

A Quick Note on the SFF Technical Working Group

77 member companies

150+ published specs

Specifications used everywhere



Date	ID	Title	Status
2024-04-03	SFF-8024	SFF Module Management Reference Code Tables	Published 4.1.1 Draft 4.1.1.1
2024-05-20	SFF-8090	Tunable SFFx Memory Map for TCU Disaggregation	Published 1.0
2024-05-20	SFF-FA-1026	Storage System High-Speed Cable Interconnect	Published 1.0 Draft 1.0.2
2024-05-06	SFF-8630	MultiFunction Kit Unshelved Connector	Published 2.2
2024-05-09	SFF-FA-1024	Plugable Multi-Response Module	Published 1.0
2024-05-02	SFF-FA-1009	Enterprise and Datacenter Standard Form Factor Pin and Signal Specification (ESDF)	Published 4.0
2024-04-29	SFF-FA-1002	Protocol Agnostic Multi-Line High-Speed Connector	Published 1.1
2024-04-19	SFF-FA-1011	Clock Reference to Select SFF Connectors and Modules	Published 1.1
2024-04-14	SFF-FA-1027	OSPC Connector, Cage, & Module Specification	Published 1.0 Draft 1.0.2
2024-03-22	SFF-FA-1023	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 PCle	Published 1.1 New Project Initiated
2024-03-07	SFF-FA-1016	Internal Unshelved High-Speed Connector System	Published 1.2
2024-02-09	SFF-8414	Mini Multilane 4x8 Shelled Cage Connector (M48P)	Published 1.0 New Project Initiated
2023-11-06	SFF-FA-1020	Cables and Connector Variants Based on SFF-FA-1002	Published 1.1
2023-10-13	SFF-FA-1008	Enterprise and Datacenter Standard Form Factor (E2S)	Published 1.0
2023-09-14	SDV-FA-0008	New Project Proposal Template Guide	Published 1.0
2023-08-08	SFF-8412	Mini-LINK 4x8 Shelled Connector	Published 1.0 Draft 10.4.2
2023-06-03	SFF-8472	Management Interface for SFFx	Published 1.0
2023-06-11	SFF-FA-1021	SPDC Cage Connector & Module Specification	Published 1.0
2023-01-03	SFF-8436	Management Interface for 4-Lane Modules and Cables	Published 2.1.1
2022-12-01	SFF-8402	SFFx 1X Plugable Transceiver Solutions	Published 1.2



In the last 12 months, we:
Published 4 new specifications
Revised 14 existing specifications

SFF Community (NEW!)

- The SFF Community was formed to help drive promotion and education of SFF Specifications.
- Near Term work includes:
 - Definitions for Ethernet based transceivers.
 - Education/demystifying SFF specifications.
 - Conference materials.
- Still in startup mode. Come join us!

Basic Ground Rules

- This is an open panel. Please ask questions
- Topics we have strong opinions on:
 - 448G/lane interconnect
 - PCIe™ 7.0 cables, connectors, form factors
 - E2 form factor
 - AI needs

Join SFF to help us solve the next problem

- We are now fully integrated into SNIA!
 - Our TWG and Community is always looking for new members
 - Small companies can join SNIA for as low as \$1000/year to be part of SFF
 - For more information <https://www.snia.org/snia-new-member-entitlements>

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





Thank you for attending!

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<http://sniadeveloper.org/conference>