

Relevant for Models: SB7700, SB7790, SB7800, SB7890, SB7780 and SB7880.

About this Manual

This manual describes the installation and basic use of the NVIDIA InfiniBand EDR 1U switches.

Ordering Information

The following table lists ordering information for the available systems.

Please pay attention to the airflow direction when ordering your system. For more details, see [Air Flow](#).

System Model	NVIDIA SKU	Legacy OPN	Description	Lifecycle Phase
SB7700	920-9B010-00FE-0M2	MSB7700-ES2F	Switch-IB™ based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), x86 dual core, standard depth, P2C airflow, Rail Kit	EOL (End of Life)
	920-9B010-00RE-0M0	MSB7700-ES2R	Switch-IB™ based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), x86 dual core, standard depth, C2P airflow, Rail Kit	EOL (End of Life)
	920-9B010-00FE-0M0	MSB7700-EB2F	Switch-IB™ based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), x86 dual core, short depth, P2C airflow, Rail Kit	EOL (End of Life)
SB7790	920-9B010-00FE-0D1	MSB7790-ES2F	Switch-IB™ based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), unmanaged, standard depth, P2C airflow, Rail Kit	EOL (End of Life)
	920-9B010-00FE-0D0	MSB7790-EB2F	Switch-IB™ based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), unmanaged, Short depth, P2C airflow, Rail Kit	EOL (End of Life)
	920-9B010-00RE-0D0	MSB7790-ES2R	Switch-IB™ based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), unmanaged, standard depth, C2P airflow, Rail Kit	EOL (End of Life)
SB7800	920-9B110-00FE-0M3	MSB7800-ES2F	Switch-IB™ 2 based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), x86 dual core, standard depth, P2C airflow, Rail Kit	LTB (Last Time Buy)
	920-9B110-00RE-0M0	MSB7800-ES2R	Switch-IB™ 2 based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), x86 dual core, standard depth, C2P airflow, Rail Kit	LTB (Last Time Buy)
SB7890	920-9B110-00FE-0D0	MSB7890-ES2F	Switch-IB™ 2 based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), unmanaged, standard depth, P2C airflow, Rail Kit	LTB (Last Time Buy)
	920-9B110-00RE-0D0	MSB7890-ES2R	Switch-IB™ 2 based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), unmanaged, standard depth, C2P airflow, Rail Kit	LTB (Last Time Buy)
SB7780	920-9B010-00FE-0M1	MSB7780-ES2F	Switch-IB™-based 36-port QSFP28 EDR 1U Managed InfiniBand router system with non-blocking switching capacity of 7Tb/s. 2PS, Standard depth, P2C airflow	EOL (End of Life)
SB7880	920-9B110-00FE-0M1	MSB7880-ES2F	Switch-IB 2 based 36-port QSFP28 EDR 1U router, 2 Power Supplies (AC), x86 dual core, standard depth, P2C* airflow, Rail Kit	LTB (Last Time Buy)
	920-9B110-00RE-0M1	MSB7880-ES2R	Switch-IB 2 based 36-port QSFP28 EDR 1U router, 2 Power Supplies (AC), x86 dual core, standard depth, C2P* airflow, Rail Kit	LTB (Last Time Buy)

Intended Audience

This manual is intended for IT managers and system administrators.

Related Documentation

Document	Description
<i>InfiniBand Architecture Specification</i> Volume 1, Release 1.2.1, and Volume 2, Release 1.3	The InfiniBand Architecture Specification provided by IBTA.
<i>MLNX-OS® User Manual</i>	This document contains information regarding the configuration and management of the MLNX-OS® software. See https://docs.nvidia.com/networking/category/mlnxos .
Hands-on workshops	https://academy.nvidia.com/en/infiniband-customized-training/
On-site/remote services	For any tailor-made service, contact: nbu-services-sales@nvidia.com .

Revision History

A list of the changes made to this document are provided in [Document Revision History](#).