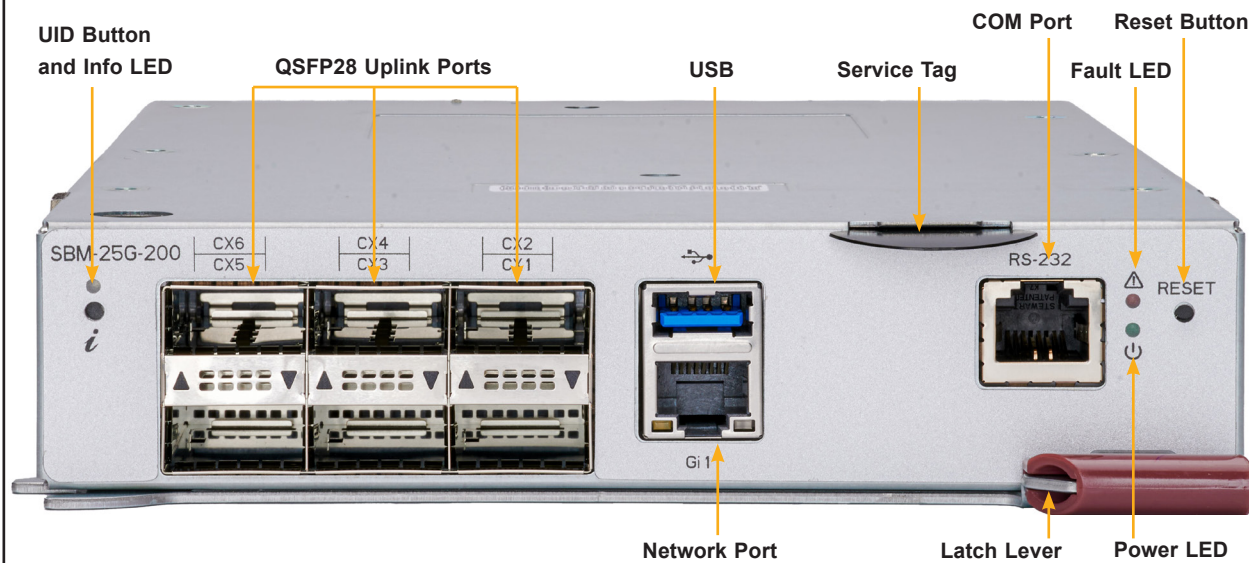


SUPERMICR[®] SBM-25G-200 Switch Quick Reference Guide

Front View



LED Indicators		
LED	Description	Status
Power LED	System health	Blinking Green: System boot up Solid Green: System ready Off: No power
Fault LED	System fault	Solid Red: System fault Off: Normal operation
Network port (RJ45) LED	Link/speed	Green: 100 Mbps Orange: 1000 Mbps Off: 10 Mbps or link down
	Active	Solid Orange: No packet Blinking Orange: Transmitting/receiving
QSFP28 ports LED	Link/active	Solid Green: Link up Blinking Green: Transmitting/receiving packets Off: Link down
UID LED	Unit Identifier	Solid Blue: Unit Identified

Cabling and Transceiver Compatibility

• CBL-NTWK-0942-MQ28C10M	100G DAC 1 m cable
• CBL-NTWK-0942-MQ28C15M	100G DAC 1.5 m cable
• CBL-NTWK-0942-MQ28C30M	100G DAC 3 m cable
• CBL-NTWK-0943-SQ28C10M	100G DAC 1 m cable
• CBL-NTWK-0943-SQ28C30M	100G DAC 3 m cable
• CBL-NTWK-0943-SQ28C50M	100G DAC 5 m cable
• CBL-NTWK-0422-01	40G DAC 5 m cable
• CBL-NTWK-0988-Q28M1	100G to 4x 25G DAC 1 m cable
• CBL-NTWK-0988-Q28M3	100G to 4x 25G DAC 3 m cable
• CBL-NTWK-0988-Q28M5	100G to 4x 25G DAC 5 m cable
• CBL-NTWK-0988-QS28C20M-3	100G to 4x 25G DAC 2 m cable
• CBL-NTWK-0721	40G to 4x 10G DAC 5 m cable
• CBL-QSFP28AOC-30M-EO	100G AOC 30 m cable
• TRX-QSFP28-100G-CWDM4	QSFP28 100GBASE CWDM4 Transceiver, 1310 nm, up to 2 km, MSA, LC-LC
• AOM-MMA1B00-C100D-MLN	QSFP28 100GBASE-SR Transceiver, 850 nm, up to 100 m, DDM, MF
• TRX-100GBE-SR4-FIN	QSFP28 100GBASE-SR4 Transceiver, 850 nm, up to 100 m, MPO, MMF

Overview

Enclosure Support

SuperBlade: **8U** 820J/820C/820H/820L, **6U** 610J, **4U** 414J

MicroBlade: **6U** 628E, **3U** 314E

Internal Links to Host

- 40x 25 Gbps (SuperBlade)
- 56x 25 Gbps (MicroBlade)

Note: To support 25G links, please select corresponding CPU blades with 25G NIC.

Uplink Configuration: 6x 100G/40G & 1x 1G ports

- When used in a 3U 314E MicroBlade enclosure, the available uplink ports are 6x 100G/40G QSFP28/QSFP+, can be split into 4x 25G for each port.
- When used in a 6U 628E MicroBlade enclosure, the available uplink ports are 6x 100G/40G QSFP28/QSFP+, no split for each port.
- When used in a 4U 414J & 8U 820J/820C/820H SuperBlade enclosure, the available uplink ports are 2x 100G/40G QSFP28/QSFP+, and 4x 100G/40G QSFP28/QSFP+ can be split into 4x 25G for each port.
- When used in a 8U 820L SuperBlade enclosure, the available uplink ports are 5x 100G/40G QSFP28/QSFP+, and 1x 100G/40G QSFP28/QSFP+ can be split into 4x 25G for each port.
- When used in a 6U 610J SuperBlade enclosure, the available uplink ports are 1x 100G/40G QSFP28/QSFP+, and 5x 100G/40G QSFP28/QSFP+ can be split into 4x 25G for each port.

Module Management

The switch is manageable with SMIS OS.

Installation and Configuration

Installing the Switch

Before installation, make sure the cover to the switch module has been installed.

1. Pull open the latch levers of the blade switch module.
2. Slide the switch module into the bay until the module connectors seat in the enclosure.
3. Push the latch levers closed.

The module will power on and a POST test will verify it is working properly.

Configuring the Switch

The switch module can be configured using two methods:

- Through the CMM using a web-based management utility or the BMC
- Directly through a command line (using a telnet interface or a serial console)

Note that any port can be configured as up (active) or down (inactive). All ports are active by default.

Product Page



MNL-2452-QRG-10A

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