

BS-MP Series

10Gigabit Layer2 Switches



Finally, a value switch scalable to 10GbE

Buffalo's BS-MP series of 10GbE switches offers an easy, cost-effective and energy-efficient way to extend your business network at blazing speeds. Plug and play installation requires no additional software or configuration; simply plug your network-ready devices into one of the available Ethernet ports. Each AUTO-MDIX port automatically detects and configures the correct connection while optional jumbo frame support and full duplex operation provide maximum performance. This switch is a perfect complement to the TeraStation 5010 line of NAS devices which has up to 2 native 10GbE ports and is compatible to 2.5, 5 and 10 GbE.

Along with 802.3az Green Ethernet technology, the BS-MP series includes intelligent Power Control, an energy conservation feature that monitors the activity status of each port to reduce the total power consumed. Its durable, metal chassis has holes and comes with rack mounting accessories for easy wall- /rack-mounting or rubber feet for placement on a desktop.

With multi gigabit options of 2.5, 5, and 10 GbE speeds, eco-minded operation, performance-minded features and a 3-year warranty, Buffalo's BS-MP series of switches is a perfect network extension for your business.



Features and Benefits

- Eight / twelve 10 GbE ports
- Multi gigabit options of 2.5, 5, and 10 GbE speeds
- 802.3az Green Ethernet technology
- Automatic energy conservation feature reduces total power consumption
- Auto-MDIX provides fast plug and play setup with any Ethernet cable
- Durable metal chassis
- Loop prevention or detection
- VLAN Management
- QoS
- Link Aggregation
- IGMP snooping
- Traffic Management



BS-MP2008-EU



BS-MP2012-EU

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Specifications

BS-MP2008-EU, BS-MP2012-EU	
Interface	IEEE802.3u (100BASE-TX), IEEE802.3ab (1000BASE-T), IEEE802.3bz (2.5GBASE-T, 5GBASE-T) IEEE802.3an (10-GBASE-T)
Transmission speed	100Mbps (100BASE-TX), 1000Mbps (1000BASE-T), 2.5/5Gbps (NBASE-T), 10Gbps (10GBASE-T)
Data transfer method	Store-and-Forward
Latency	10µsec
Buffer capacity	2MBytes
Backplane bandwidth	BS-MP2008: 160Gbps BS-MP2012: 240Gbps
Data transfer rate	BS-MP2008: 80Gbit/s BS-MP2012: 120Gbit/s
Address table	16000 entries
Number of Ports	BS-MP2008: 100M/1000M/2.5/5/10G Full-Duplex 8 ports (all ports Auto-MDIX function deployment) BS-MP2012: 100M/1000M/2.5/5/10G Full-Duplex 12 ports (all ports Auto-MDIX function deployment)
Applicable cable	100BASE-TX: UTP category 5 1000BASE-T: UTP category 5e or better 10GBASE-T: UTP category 6a or better
Transmission distance	Up to 100m
Terminal shape	RJ-45 type 8 terminal
Management function	English, German, French Web configuration interface
Support function	Jumbo Frame 9,216Byte support, Loop detection & prevention function, Bad packet filtering, VLAN, QoS, Link Aggregation
Security feature	User name, password; MAC address filter
Power-supply voltage	100-240V, 50/60Hz
Power consumption	BS-MP2008: 31W maximum BS-MP2012: 42W maximum
Quiescent current	BS-MP2008: 0.490A maximum BS-MP2012: 0.850A maximum
Calorific value	BS-MP2008: 111.6kJ/h maximum BS-MP2012: 151.2kJ/h maximum
Dimensions (WxDxH)	330 x 230 x 44 mm
Weight	BS-MP2008: 2400g BS-MP2012: 2570g
Operating environment	0 ~ 50° Celsius, (non-condensing) 10-85% humidity
Approvals	VCCI Class A, FCC / IC Class A, UL, CE, CB
Supported Standards	IEEE802.3an (10GBASE-T) IEEE802.3bz (2.5GBASE-T/5GBASE-T) IEEE802.3ab (1000BASE-T) IEEE802.3u (100BASE-TX) IEEE802.3az EEE Idlingstop Auto-MDIX
Warranty	3 years
19-inch rack mount	Support (mounting bracket included)

Product Code

BS-MP2008-EU

BS-MP2012-EU



About Buffalo

Buffalo Technology is a leading global provider of award-winning storage, networking and multimedia solutions for the home and small business environments as well as for system builders and integrators. With more than three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.

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