

FORCEPOINT NGFW MODULES

MODULES FOR FORCEPOINT NGFW APPLIANCES

Ethernet Modules	Quad-Port Gigabit Ethernet Copper Module	Eight-Port Gigabit Ethernet Copper Module	Dual-Port 10 Gigabit Ethernet Copper Module	Quad-Port SFP Gigabit Ethernet Module	Quad-Port SFP+ 10 Gigabit Ethernet Module	Dual-Port 40 Gigabit Ethernet
Speed	10/100/1000 Mbit/s	10/100/1000 Mbit/s	100/1000/10000 Mbit/s	1000 Mbit/s	10 Gbit/s	40 Gbit/s
Standard	1000BASE-T, 100BASE-TX, 10BASE-T	1000BASE-T, 100BASE-TX, 10BASE-T	10GBASE-T, 1000BASE-T, 100BASE-TX	SFP Gigabit Ethernet (1000BASE-SX, 1000BASELX10, 1000BASE-T)	SFP+ 10 Gigabit Ethernet	QSFP+ 40 Gigabit Ethernet
Maximum Link Length¹	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m 10GBASE-T Category 6a maximum 100 m	—	—	—
Operating Temperatures	0°C–50°C (32°F–122°F)	0°C–45°C (32°F–113°F)	0°C–50°C (32°F–122°F)	0°C–50°C (32°F–122°F)	0°C–50°C (32°F–122°F)	0°C–50°C (32°F–122°F)
Ports	4	8	2	4	4	2
Weight	350 g (0.77 lbs)	500 g (1.10 lbs)	300 g (0.66 lbs)	420 g (0.92 lbs)	540 g (1.19 lbs)	455 g (1.00 lbs)
RSS Queues	1	8	16	8	16	16
PCI Express Version	2.0	2.0	2.0	2.0	3.0	3.0
Order Information	MOG4	MOG8	MO102	MOGF4	MOE10F4	MO40F2

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Fail-Open Ethernet Modules	Quad-Port Gigabit Ethernet Copper Fail-Open Module	Dual-Port 10 Gigabit Ethernet Fail-Open Module	Quad-Port Gigabit Ethernet Fiber (SX) Fail-Open Module	Dual-Port Fiber (SR) 10GB Fail-Open Module	Dual-Port Fiber (LR) 10GB Fail-Open Module
Speed	10/100/1000 Mbit/s	100/1000/10000 Mbit/s	1000 Mbit/s	10 Gbit/s	10 Gbit/s
Standard	1000BASE-T, 100BASE-TX, 10BASE-T	10GBASE-T, 1000BASE-T, 100BASE-TX	1000BASE-SX, LC connectors	10GBASE-SR, LC connectors	10GBASE-LR, LC connectors
Maximum Link Length²	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m 10GBASE-T Category 6a maximum 100 m	Multimode fiber: 137 m at 62.5 μ m	Multimode fiber: 137 m at 62.5 μ m	Single-mode fiber: 5000 m at 9 μ m
Operating Temperatures	0°C–50°C (32°F–122°F)	0°C–50°C (32°F–122°F)	0°C–50°C (32°F–122°F)	0°C–50°C (32°F–122°F)	0°C–50°C (32°F–122°F)
Ports	4 (2 pairs)	2 (1 pair)	4 (2 pairs)	2 (1 pair)	2 (1 pair)
Wavelength	—	—	850 nm	850 nm	1310 nm
Weight	440 g (0.97 lbs)	500 g (1.1 lbs)	430 g (0.94 lbs)	430 g (0.94 lbs)	490 g (1.08 lbs)
RSS Queues	8	16	8	16	16
PCI Express Version	2.0	2.0	2.0	2.0	2.0
Order Information	MOG4B	MO102B	MOGS4B	MO10S2B	MO10L2B

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Modules for 300 Series	Quad-Port Gigabit Ethernet Module	Quad-Port Fast Ethernet Switch Module	Gigabit Ethernet SFP Module	Dual-Port Gigabit Ethernet bypass
Speed	10/100/1000 Mbit/s	10/100 Mbit/s	1000 Mbit/s	10/100/1000 Mbit/s
Standard	1000BASE-T, 100BASE-TX, 10BASE-T	100BASE-TX, 10BASE-T	SFP Gigabit Ethernet (1000BASE-SX, 1000BASE-LX10, 1000BASE-T)	1000BASE-T, 100BASE-TX, 10BASE-T
Maximum Link Length¹	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m	100BASE-TX Category 5 maximum 100 m	—	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m
Operating Temperatures	0--45°C (+32--113°F)	0--45°C (+32--113°F)	0--45°C (+32--113°F)	0--45°C (+32--113°F)
Ports	4	4	1	2
Weight	110 g (0.24 lbs)	110 g (0.24 lbs)	110 g (0.24 lbs)	110 g (0.24 lbs)
Order Information	MMGE4	MMFESW4	MMGESFP	MMGE2B

TRANSCEIVERS FOR FORCEPOINT NGFW MODULES

SFP Transceivers	Copper SFP Transceiver	Gigabit Ethernet Multimode SFP Transceiver	Gigabit Ethernet Single-Mode SFP Transceiver	10 Gigabit Ethernet Multimode SFP+ Transceiver	10 Gigabit Ethernet Single-Mode SFP+ Transceiver	40GigE QSFP+ 40GBASE-SR4 MM Transceiver
Speed	10/100/1000 Mbit/s	1000 Mbit/s	1000 Mbit/s	10 Gbit/s	10 Gbit/s	40 Gbit/s
Standard	1000BASE-T, 100BASE-TX, 10BASE-T	1000BASE-SX, LC connectors	1000BASE-LX10, LC connectors	10GBASE-SR, LC connectors	10GBASE-LR, LC connectors	40GBASE-SR4, MPO connector
Maximum Link Length¹	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m	Multimode fiber: 550 m on 50 µm OM2 and 300 m on 62.5 µm OM1	10 km on single-mode fiber	Multimode fiber: 300 m on 50 µm OM3 2,000 MHz-km 66 m on 50 µm 400 MHz-km 26 m on 62.5 µm 166 MHz-km 82 m on 50 µm OM2 500 MHz-km 33 m on 62.5 µm OM1 200 MHz-km	10 km on 9 µm single-mode fiber	Multimode fiber: 100m on OM3 MMF 150m on OM4 MMF
Operating Temperatures	0°C– 70°C (32°F–158°F)	0°C– 70°C (32°F–158°F)	0°C– 70°C (32°F–158°F)	0°C– 70°C (32°F–158°F)	0°C– 70°C (32°F–158°F)	0°C– 70°C (32°F–158°F)
Wavelength	—	850 nm	1310 nm	850 nm	1310 nm	850 nm
Order Information	SFPGETX	SFPGESX	SFPGELX	SFP10SR	SFP10LR	SFPQSR

1. Maximum link length is defined as half a distance, as stated by the IEEE 802.3 standard.

CONTACT

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