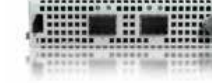
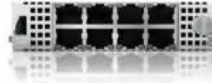


Modules for McAfee Next Generation Firewall Appliances

Ethernet modules



MOD-GE-4

Quad-Port Gigabit Ethernet Copper Module

MOD-GE-8

Eight-Port Gigabit Ethernet Copper Module

MOD-EM1-10G-2

Dual-Port 10 Gigabit Ethernet Copper Module

MOD-GE-SFP-4

Quad-Port SFP Gigabit Ethernet Module

MOD-10G-SFP-2

Dual Port (SFP+) 10 GB Module

Speed	10/100/1000 Mbit/s	10/100/1000 Mbit/s	100/1000/10000 Mbit/s	1000 Mbit/s	10 Gbit/s
Standard	1000BASE-T, 100BASE-TX, 10BASE-T	1000BASE-T, 100BASE-TX, 10BASE-T	100BASE-TX, 1000BASE-T, 10GBASE-T	SFP Gigabit Ethernet (1000BASE-SX, 1000BASE-LX10, 1000BASE-T)	SFP+ 10 Gigabit Ethernet
Cables and Maximum Distances	—	—	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)
Ports	4	8	2	4	2
Weight	350 g (0.77 lb)	500 g (1.10 lbs)	300 g (0.66 lb)	420 g (0.92 lb)	430 g (0.94 lb)
RSS Queues	1	8	16	8	16

Fail-open Ethernet modules



MOD-GE-4-B

Quad-Port Gigabit Ethernet Copper Fail-Open Module

MOD-GE-SX-4-B

Quad-Port Gigabit Ethernet Fiber (SX) Fail-Open Module

MOD-10G-SR-2-B

Dual-Port Fiber (SR) 10GB Fail-Open Module

MOD-10G-LR-2-B

Dual-Port Fiber (LR) 10GB Fail-Open Module

Speed	10/100/1000 Mbit/s	1000 Mbit/s	10 Gbit/s	10 Gbit/s
Standard	1000BASE-T, 100BASE-TX, 10BASE-T	1000BASE-SX, LC connectors	10GBASE-SR, LC connectors	10GBASE-LR, LC connectors
Maximum Link Length*	—	Multimode fiber: 137 m at 62.5 μm	Multimode fiber: 137 m at 62.5 μm	Single-mode fiber: 5000 m at 9 μm
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)
Ports	4 (2 pairs)	4 (2 pairs)	2 (1 pair)	2 (1 pair)
Wavelength	—	850 nm	850 nm	1310 nm
Weight	440 g (0.97 lb)	430 g (0.94 lb)	430 g (0.94 lb)	490 g (1.08 lbs)
RSS Queues	8	8	16	16

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



SFP transceivers

MOD-SFP-GE-TX
Copper SFP Transceiver

MOD-SFP-GE-SX
Gigabit Ethernet Multimode
SFP Transceiver

MOD-SFP-GE-LX10
Gigabit Ethernet Single-Mode
SFP Transceiver

MOD-SFP-10G-SR
10 Gigabit Ethernet Multimode
SFP+ Transceiver

MOD-SFP-10G-LR
10 Gigabit Ethernet Single-Mode
SFP+ Transceiver

Speed	10/100/1000 Mbit/s	1000 Mbit/s	1000 Mbit/s	10 Gbit/s	10 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
Maximum Link Length	—	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
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)
Wavelength	—	850 nm	1310 nm	850 nm	1310 nm



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