

Forcepoint Next-Generation Firewall 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 MODULE
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 Length	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	Depending on transceiver	Depending on transceiver	Depending on transceiver
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 lb)	500 g (1.10 lb)	300 g (0.66 lb)	420 g (0.92 lb)	540 g (1.19 lb)	455 g (1.00 lb)
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

Modules for Forcepoint NGFW 3400 Series Appliances

ETHERNET MODULES	EIGHT-PORT GIGABIT ETHERNET COPPER MODULE	EIGHT-PORT SFP GIGABIT ETHERNET MODULE	QUAD-PORT SFP+ 10 GIGABIT ETHERNET MODULE	EIGHT-PORT SFP+ GIGABIT ETHERNET MODULE	DUAL-PORT 40 QSFP+ GIGABIT ETHERNET MODULE	DUAL-PORT 25 GIGABIT SFP28 ETHERNET MODULE	DUAL-PORT 100 GIGABIT QSFP28 ETHERNET MODULE
Speed	10/100/1000 Mbit/s	10/100/1000 Mbit/s	10 Gbit/s	10 Gbit/s	40 Gbit/s	25 Gbit/s	100 Gbit/s
Standard	1000BASE-T, 100BASE-TX, 10BASE-T	SFP Gigabit Ethernet (1000BASE-SX, 1000BASELX10, 1000BASE-T)	SFP+ 10 Gigabit Ethernet	SFP+ 10 Gigabit Ethernet	QSFP+ 40 Gigabit Ethernet	SFP28 25 Gigabit Ethernet	QSFP28 100 Gigabit Ethernet
Maximum Link Length	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m	Depending on transceiver	Depending on transceiver	Depending on transceiver	Depending on transceiver	Depending on transceiver	Depending on transceiver
Operating Temperatures	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)	0°C – 40°C (32°F – 104°F)
Ports	8	8	4	8	2	2	2
Weight	500 g (1.10 lb)	500 g (1.10 lb)	540 g (1.19 lb)	540 g (1.19 lb)	455 g (1.00 lb)	350 g (0.77 lb)	500 g (1.10 lb)
RSS Queues	8	8	16	16	16	16	32
PCI Express Version	2.0	2.0	3.0	3.0	3.0	3.0	3.0
Order Information	MODG8	MODGF8	MOD10F4	MOD10F8	MOD40F2	MOD25F2	MO100F2

Bypass modules for Forcepoint NGFW 3400 Series Appliances

FAIL-OPEN ETHERNET MODULES	EIGHT-PORT GIGABIT ETHERNET COPPER FAIL-OPEN MODULE	QUAD-PORT FIBER (SR) 10GB FAIL-OPEN MODULE	QUAD-PORT FIBER (LR) 10GB FAIL-OPEN MODULE	DUAL-PORT FIBER 40GB FAIL-OPEN MODULE
Speed	10/100/1000 Mbit/s	10 Gbit/s	10 Gbit/s	40 Gbit/s
Standard	1000BASE-T, 100BASE-TX, 10BASE-T, RJ45 connectors	10GBASE-SR, LC connectors	10GBASE-LR, LC connectors	40GBASE-SR4, MPO connectors
Maximum Link Length	100BASE-TX Category 5 maximum 50 m, 1000BASE-T Category 5e maximum 25 m, 1000BASE-T Category 6 maximum 50 m	Multimode fiber: 137 m at 50/125 μ m	Single-mode fiber: 5000 m at 9 μ m	Multimode fiber: 50 m on OM3 MMF, 75 m on OM4 MMF
Operating Temperatures	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)
Ports	8 (4 pairs)	4 (2 pairs)	4 (2 pairs)	2 (1 pair)
Wavelength	–	850 nm	1310 nm	850 nm
Weight	440 g (0.97 lb)	430 g (0.94 lb)	490 g (1.08 lb)	430 g (0.94 lb)
RSS Queues	8	16	16	16
PCI Express Version	2.0	3.0	3.0	3.0
Order Information	MODG8B	MOD10S4B	MOD10L4B	MOD40F2B

Bypass modules for Forcepoint NGFW Appliances

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 Length	100BASE-TX Category 5 maximum 50 m 1000BASE-T Category 5e maximum 50 m	100BASE-TX Category 5 maximum 50 m 1000BASE-T Category 5e maximum 50 m 10GBASE-T Category 6a maximum 50 m	Multimode fiber: 137 m maximum at 62.5 μm ** **Theoretical Distance - Defined as half a distance as stated by the IEEE 802.3 standard.	62.5 μm , 160MHz/Km 13 m* 62.5 μm , (OM1) 200MHz/Km 16.5 m* 50 μm , 400MHz/Km 66 m* 50 μm , (OM2) 500MHz/Km 82 m* 50 μm , (OM3) 2000MHz/Km 300 m* *Defined as half as the distance as specified in the optical transceiver.	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)	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 lb)	500 g (1.1 lb)	430 g (0.94 lb)	430 g (0.94 lb)	490 g (1.08 lb)
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

Mini modules for Forcepoint NGFW Appliances

MODULES FOR 300 SERIES	QUAD-PORT GIGABIT ETHERNET MODULE	QUAD-PORT FAST ETHERNET SWITCH MODULE	DUAL-PORT GIGABIT ETHERNET SFP MINI MODULE BUNDLE	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 Length	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m	100BASE-TX Category 5 maximum 100 m	Depending on transceiver	100BASE-TX Category 5 maximum 50 m 1000BASE-T Category 5e maximum 50 m
Operating Temperatures	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)	0°C – 45°C (32°F – 113°F)
Ports	4	4	2	2
Weight	110 g (0.24 lb)	110 g (0.24 lb)	110 g (0.24 lb)	110 g (0.24 lb)
Order Information	MMGE4	MMFESW4	MMGESFP2	MMGE2B

Transceivers for Forcepoint NGFW Appliances

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	40GIGE QSFP+ 40GBASE-LR4 TRANSCEIVER
Speed	10/100/1000 Mbit/s	1000 Mbit/s	1000 Mbit/s	10 Gbit/s	10 Gbit/s	40 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	Duplex LC receptacles
Maximum Link Length	100BASE-TX Category 5 maximum 100 m 1000BASE-T Category 5e maximum 100 m	Multimode fiber: 550 m on 50 μ m OM2 and 300 m on 62.5 μ m OM1	10 km on single-mode fiber	Multimode fiber: 300 m on 50/125 μ m OM3, 500 m on 50/125 μ m OM4	10 km on 9 μ m single-mode fiber	Multimode fiber: 100 m on OM3 MMF 150 m on OM4 MMF	10 km on 9 μ m 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)	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	1310 nm
Order Information	SFPGETX	SFPGESX	SFPGELX	SFP10SR	SFP10LR	SFPQSR	SFPQLR

SFP TRANSCEIVERS	25 GIGABIT ETHERNET MULTIMODE SFP28 TRANSCEIVER	25 GIGABIT ETHERNET SINGLE-MODE SFP28 TRANSCEIVER	100 GIGABIT ETHERNET MULTIMODE QSFP28 TRANSCEIVER	100 GIGABIT ETHERNET SINGLE-MODE QSFP28 TRANSCEIVER
Speed	25 Gbit/s	25 Gbit/s	100 Gbit/s	100 Gbit/s
Standard	25GBASE-SR, LC connectors	25GBASE-LR, LC connectors	100GBASE-SR4, MPO connectors	100GBASE-LR4, LC connectors
Maximum Link Length	Multimode fiber: Up to 100m OM4 50/125um Up to 70m OM3 50/125um	Up to 10 km on 9/125 μ m single-mode fiber	Multimode fiber: Up to 100m OM4 Up to 70m OM3	Up to 10 km on 9/125 μ m 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)
Wavelength	850 nm	1310 nm	850 nm	1310 nm
Order Information	SFP25SR	SFP25LR	SFP100SR	SFP100LR

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