

## FORCEPOINT™ NEXT GENERATION FIREWALL MODULES

### MODULES FOR FORCEPOINT NEXT GENERATION FIREWALL APPLIANCES

<b>Ethernet Modules</b>	<b>MOD-GE-4</b> Quad-Port Gigabit Ethernet Copper Module	<b>MOD-GE-8</b> Eight-Port Gigabit Ethernet Copper Module	<b>MOD-EM1-10G-2</b> Dual-Port 10 Gigabit Ethernet Copper Module	<b>MOD-GE-SFP-4</b> Quad-Port SFP Gigabit Ethernet Module	<b>MOD-EM2-10G-SFP-4</b> Quad-Port SFP+ 10 Gigabit Ethernet Module	<b>MOD-40G-2<sup>1</sup></b> Dual-Port 40 Gigabit Ethernet
<b>Speed</b>	10/100/1000 Mbit/s	10/100/1000 Mbit/s	100/1000/10000 Mbit/s	1000 Mbit/s	10 Gbit/s	40 Gbit/s
<b>Standard</b>	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
<b>Maximum Link Length</b>	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	-	-	-
<b>Operating Temperatures</b>	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)
<b>Ports</b>	4	8	2	4	4	2
<b>Weight</b>	350 g (0.77 lb)	500 g (1.10 lbs)	300 g (0.66 lb)	420 g (0.92 lb)	540 g (1.19 lb)	455 g (1.00 lb)
<b>RSS Queues</b>	1	8	16	8	16	16
<b>PCI Express Version</b>	2.0	2.0	2.0	2.0	3.0	3.0

## FORCEPOINT NEXT GENERATION FIREWALL MODULES CONTINUED

### MODULES FOR FORCEPOINT NEXT GENERATION FIREWALL APPLIANCES

<b>Fail-Open Ethernet Modules</b>	<b>MOD-GE-4-B</b> Quad-Port Gigabit Ethernet Copper Fail-Open Module	<b>MOD-10G-2-B</b> Dual-Port 10 Gigabit Ethernet Fail-Open Module	<b>MOD-GE-SX-4-B</b> Quad-Port Gigabit Ethernet Fiber (SX) Fail-Open Module	<b>MOD-10G-SR-2-B</b> Dual-Port Fiber (SR) 10GB Fail-Open Module	<b>MOD-EM2-10G-SFP-4</b> Dual-Port Fiber (LR) 10GB Fail-Open Module
<b>Speed</b>	10/100/1000 Mbit/s	100/1000/10000 Mbit/s	1000 Mbit/s	10 Gbit/s	10 Gbit/s
<b>Standard</b>	1000BASE-T, 100BASE-TX, 10BASE-T	10GBASE-T, 1000BASE-T, 100BASE-TX	1000BASE-SX, LC connectors	10GBASE-SR, LC connectors	10GBASE-LR, LC connectors
<b>Maximum Link Length<sup>2</sup></b>	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 μm	Multimode fiber: 137 m at 62.5 μm	Single-mode fiber: 5000 m at 9 μm
<b>Operating Temperatures</b>	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)
<b>Ports</b>	4 (2 pairs)	2 (1 pair)	4 (2 pairs)	2 (1 pair)	2 (1 pair)
<b>Wavelength</b>	–	–	850 nm	850 nm	1310 nm
<b>Weight</b>	440 g (0.97 lb)	500 g (1.1 lb)	430 g (0.94 lb)	430 g (0.94 lb)	490 g (1.08 lbs)
<b>RSS Queues</b>	8	16	8	16	16

1. Available soon.

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

## FORCEPOINT NEXT GENERATION FIREWALL MODULES CONTINUED

### MODULES FOR FORCEPOINT NEXT GENERATION FIREWALL APPLIANCES

<b>Modules for 300 Series</b>	<b>MOD-MM-GE-4</b> Quad-Port Gigabit Ethernet Module	<b>MOD-10G-2-B</b> Quad-Port Fast Ethernet Switch Module	<b>MOD-GE-SX-4-B</b> Gigabit Ethernet SFP Module	<b>MOD-10G-SR-2-B</b> Dual-Port Gigabit Ethernet bypass
<b>Speed</b>	10/100/1000 Mbit/s	10/100 Mbit/s	1000 Mbit/s	10/100/1000 Mbit/s
<b>Standard</b>	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
<b>Maximum Link Length<sup>2</sup></b>	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
<b>Operating Temperatures</b>	0–+45°C (+32–+113°F)	0–+45°C (+32–+113°F)	0–+45°C (+32–+113°F)	0–+45°C (+32–+113°F)
<b>Ports</b>	4	4	1	2
<b>Weight</b>	110 g (0.24 lbs)	110 g (0.24 lbs)	110 g (0.24 lbs)	110 g (0.24 lbs)

## FORCEPOINT NEXT GENERATION FIREWALL MODULES CONTINUED

### MODULES FOR FORCEPOINT NEXT GENERATION FIREWALL APPLIANCES

SFP Transceivers	<b>MOD-SFP-GE-TX</b> Copper SFP Transceiver	<b>MOD-SFP-GE-SX</b> Gigabit Ethernet Multi-mode SFP Transceiver	<b>MOD-SFP-GE-LX10</b> Gigabit Ethernet Single-Mode SFP Transceiver	<b>MOD-SFP-10G-SR</b> 10 Gigabit Ethernet Multi-mode SFP+ Transceiver	<b>MOD-SFP-10G-LR</b> 10 Gigabit Ethernet Single- Mode SFP+ Transceiver	<b>IAC-QSFP-FOT</b> 40GigE QSFP+ 40GBASESR4 MM Transceiver
<b>Speed</b>	10/100/1000 Mbit/s	1000 Mbit/s	1000 Mbit/s	10 Gbit/s	10 Gbit/s	40 Gbit/s
<b>Standard</b>	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
<b>Maximum Link Length<sup>2</sup></b>	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 singlemode fiber	Multimode fiber: 100m on OM3 MMF 150m on OM4 MMF
<b>Operating Temperatures</b>	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)
<b>Wavelength</b>	–	850 nm	1310 nm	850 nm	1310 nm	850 nm

#### CONTACT

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#### ABOUT FORCEPOINT

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