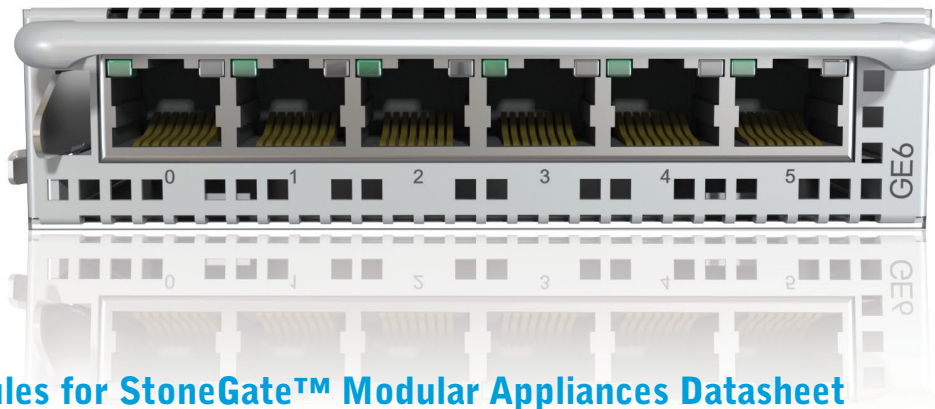




StoneGate™ Modules

September 2010

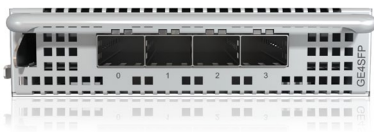


Modules for StoneGate™ Modular Appliances Datasheet

Ethernet Modules



GE6	MOD-EM1-GE-6		
Six Port Gigabit Ethernet Copper Express Module			
Speed	10/100/1000 Mbit/s	Ports	6
Standard	1000Base-T, 100Base-TX, 10Base-T		
Operating temperatures	0°C – 50°C (32°F - 122°F)	Weight	450g (0.99 lb)



GE4SFP	MOD-EM1-GE-SFP-4		
Quad Port SFP Gigabit Ethernet Express Module			
Speed	1 000 Mbit/s	Ports	4
Standard	SFP Gigabit Ethernet (1000Base-SX, 1000Base-LX10, 1000Base-T)		
Operating temperatures	0°C – 50°C (32°F - 122°F)	Weight	420g (0.92 lb)



10GSFP2	MOD-EM1-10G-SFP-2		
Dual Port (SFP+) 10GB Express Module			
Speed	10 Gbit/s	Ports	2
Standard	SFP+ 10 Gigabit Ethernet		
Operating temperatures	0°C – 50°C (32°F - 122°F)	Weight	430g (0.94 lb)

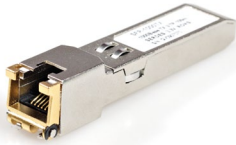
Bypass Ethernet Modules



GE4B	MOD-EM1-GE-4-B		
Quad Port Gigabit Ethernet Copper Bypass Express Module			
Speed	10/100/1000 Mbit/s	Ports	2 pairs
Standard	1000Base-T, 100Base-TX, 10Base-T		
Operating temperatures	0°C – 50°C (32°F - 122°F)	Weight	440g (0.97 lb)



SFP Transceivers



GESX2B	MOD-EM1-GE-SX-2-B		
Dual Port Gigabit Ethernet Fiber (SX) Bypass Express Module			
Speed	1 000 Mbit/s	Ports	1 pair
Standard	1000Base-SX, LC connectors	Wave length	850nm
Maximum link length	137m on 62.5µm OM1 multi-mode fiber		
Operating temperatures	0°C – 50°C (32°F - 122°F)	Weight	430g (0.94 lb)
10GSR2B	MOD-EM1-10G-SR-2-B		
Dual Port Fiber (SR) 10GB Bypass Express Module			
Speed	10 Gbit/s	Ports	1 pair
Standard	10GBASE-SR, LC connectors	Wave length	850nm
Maximum link length Multi-mode fiber	300m on 50µm OM3 2000 MHz·km 66m on 50µm 400 MHz·km 26m on 62.5µm 166 MHz·km	82m on 50µm OM2 500 MHz·km, 33m on 62.5µm OM1 200 MHz·km	
Operating temperatures	0°C – 50°C (32°F - 122°F)	Weight	490g (1.08 lb)
10GLR2B	MOD-EM1-10G-LR-2-B		
Dual Port Fiber (LR) 10GB Bypass Express Module			
Speed	10 Gbit/s	Ports	1 pair
Standard	10GBASE-LR, LC connectors	Wave length	1310nm
Maximum link length	Single-mode fiber: 10km on 9µm		
Operating temperatures	0°C – 50°C (32°F - 122°F)	Weight	490g (1.08 lb)

TX SFP	MOD-SFP-GE-TX		
Copper SFP Transceiver			
Speed	10/100/1000 Mbit/s		
Standard	1000Base-T, 100Base-Tx, 10Base-T		
Operating temperatures	0°C to 70°C (32°F to 158°F)		
SX SFP	MOD-SFP-GE-SX		
Gigabit Ethernet Multi-mode SFP Transceiver			
Speed	1 000 Mbit/s	Wave length	850nm
Maximum link length	550m on 50µm OM2 and 300m on 62.5µm OM1 multi-mode fiber		
Standard	1000Base-SX, LC connectors		
Operating temperatures	0°C - 70°C (32°F - 158°F)		
LX10 SFP	MOD-SFP-GE-LX10		
Gigabit Ethernet Single-mode SFP Transceiver			
Speed	1 000 Mbit/s	Wave length	1310nm
Maximum link length	10km on single-mode fiber		
Standard	1000Base-LX10, LC connectors		
Operating temperatures	0°C - 70°C (32°F - 158°F)		
SR SFP+	MOD-SFP-10G-SR		
10 Gigabit Ethernet Multi-mode SFP+ Transceiver			
Speed	10 Gbit/s	Wave length	850nm
Maximum link length Multi-mode fiber	300m on 50µm OM3 2000 MHz·km 66m on 50µm 400 MHz·km 26m on 62.5µm 166 MHz·km	82m on 50µm OM2 500 MHz·km 33m on 62.5µm OM1 200 MHz·km	
Standard	10GBASE-SR, LC connectors		
Operating temperatures	0°C - 70°C (32°F - 158°F)		
LR SFP+	MOD-SFP-10G-LR		
10 Gigabit Ethernet Single-mode SFP+ Transceiver			
Speed	10 Gbit/s	Wave length	1310nm
Maximum link length	Single-mode fiber: 10km on 9µm		
Standard	10GBASE-LR, LC connectors		
Operating temperatures	0°C - 70°C (32°F - 158°F)		