

Product Selector



Specifications		SC 300	SC MX3	SC MX4E	SS 300	SS MX3	WE 300
Compression		Yes	Yes	Yes	Yes	Yes	Yes
Compression Engines		2	6	4	1	3	2
Compression Compatibility		GZIP/ZLIB format	GZIP/ZLIB format	GZIP/ZLIB format	GZIP/ZLIB format	GZIP/ZLIB format	GZIP format
Encryption		No	No	No	Yes	Yes	No
Encryption Engines					1	3	N/A
Encryption Algorithm					AES with ECB mode	AES with ECB mode	N/A
Key size supported					128 and 256 bits	128 and 256 bits	N/A
Max Keys stored					16	16	N/A
Performance							
Compression		112 MB/s	450 MB/s	505 MB/s	70 MB/s	230 MB/s	Raw Data Transfer Rates = 1 Gbps
Decompression		162 MB/s	517 MB/s	387 MB/s	90 MB/s	310 MB/s	
Encryption					85 MB/s (128-bit) 65 MB/s (256-bit)	250 MB/s (128-bit) 190 MB/s (256-bit)	
Decryption					86 MB/s (128-bit) 65 MB/s (256-bit)	250 MB/s (128-bit) 190 MB/s (256-bit)	
Compress and Encrypt					70 MB/s	230 MB/s	
Applications		Disc based back-up appliances, offloading compressions in general purpose servers	Virtual Tape Libraries, Compression of streaming data, Compression of in-memory databases	Virtual Tape Libraries, Compression of streaming data, Compression of in-memory databases	Tape encryption appliances, Disk based back-up appliances, back-up servers	Tape encryption appliances, Disk based back-up appliances, back-up servers	Load Balancers, SSL accelerators, high performance web servers
Operating System Support		Linux Redhat 7.2, 8.0, 9.0 Fedora Core 2,3,4 Windows 2000, Windows XP, Windows Server 2003					Fedora core 1, 2, 3, 4 Linux Redhat 6.2, 7.2, 9 FreeBSD 4.4, 4.10
Power Consumption	+3.3V	750 mA (Typ)/1.01 Amp (Max)	2.66A (Max)	1800 mA (Typ)/2.6 A (Max)	750 mA (Typ)/1.01 Amp (Max)	2.66A (Max)	785 mA (Typ)/1.1 A (Max)
	+5V	190 mA (Typ)/230 mA (Max)	630mA (Max)	N/A	190 mA (Typ)/230 mA (Max)	630mA (Max)	200 mA (Typ)/250 mA (Max)
Bus Type		PCI X 64 bits, 66MHz	PCI X 64 bits, 133 MHz	PCI Express 1.1 compliant (x4)	PCI-X 64 bits, 66MHz	PCI X 64 bits, 133 MHz	PCI-X 64 bits, 66MHz
Dimensions	Form Factor:	Low Profile, MD2	Full height, half length	Low Profile	Low Profile, MD2	Full height, half length	Low Profile, MD2
	Length:	6.42" (163.09 mm)	6.875"(174.62mm)	6.60"(167.65 mm)	6.42" (163.09 mm)	6.875"(174.62mm)	6.42" (163.09 mm)
	Height	1.77" (45.00mm)	4.000"(101.60mm)	2.75"(69.9 mm)	1.77" (45.00mm)	4.000"(101.60mm)	1.77" (45.00mm)
Note: Above dimensions are for the PCB only and do not include the mounting bracket							