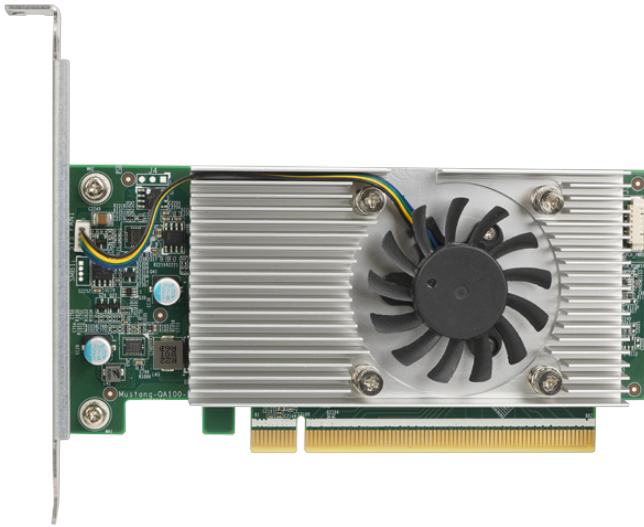


Mustang-QA100

Intel® QAT accelerator for Crypto and Compression with lewisburg chipset, PCIe gen3 x16, RoHS



Features

- » 1 x intel Lewisburg chipset C627
- » Asymmetric and Symmetric encryption and authentication
- » Digital signatures
- » RSA, DH, and ECC
- » Lossless data compression

Specifications

Form Factor	
Form Factor	Low-Profile PCIe card
System	
Chipset	Intel® C627
Cooling method / System Fan	Active Fan
Physical Characteristics	
Dimensions (LxWxH) (mm)	165.50 (L) x 77.8 (W) x 44.2 (H)
Environment	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Humidity	5% ~ 90% RH, Non-condensing
Certifications	
Safety & EMC	RoHS
Card Slot Interface	
PCIe	1 x PCIe Gen3 x16
Card Features	
Speed	»Throughput
	SSL/IPSec: 100Gbps
	Compression Deflate: 100Gbps
	Decompression Deflate: 100Gbps
	RSA Decrypt 1k-bit: 550K Ops/sec
	RSA Decrypt 2k-bit: 100 Ops/Sec

Ordering Information

Mustang-QA100-C627-R10 (Order by MOQ)	Intel QAT accelerator for Crypto and Compression with lewisburg chipset, PCIe gen3 x16, RoHS
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Packing List

1 x Mustang-QA100 card	1 x QIG
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