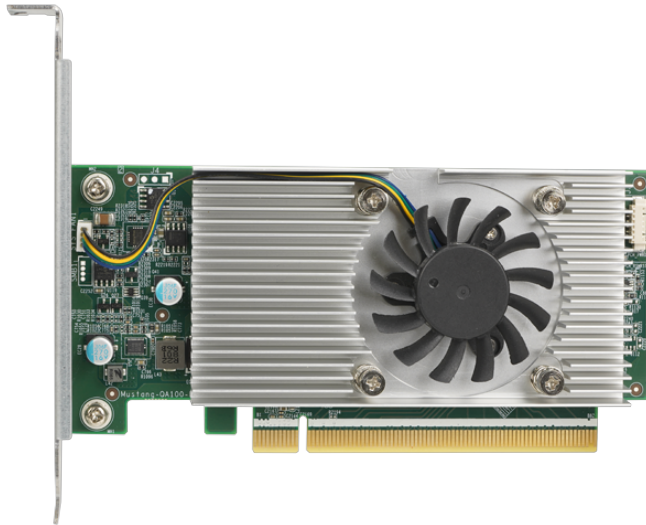


Mustang-QA100

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 <small>(Order by MOQ)</small> | Intel QAT accelerator for Crypto and Compression with lewisburg chipset, PCIe gen3 x16, RoHS |
|---|--|

Packing List

| | |
|------------------------|---------|
| 1 x Mustang-QA100 card | 1 x QIG |
|------------------------|---------|