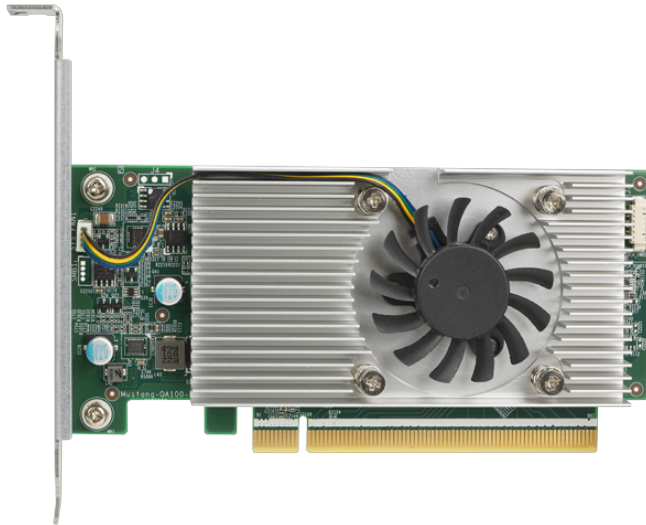


# Mustang-QA100

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<br><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 |
|------------------------|---------|