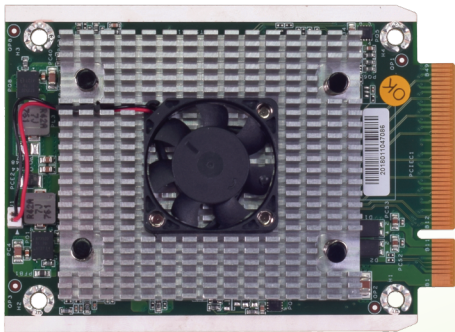


AV-ICE06

Lanner Slim Type Width Crypto Card
with Intel® Lewisburg C626/C627
Chipset



■ Features

- Intel® Lewisburg C626/C627
- Integrated Intel® QuickAssist Technology
 - Cryptographic Capabilities: 100Gb/s IPsec & SSL
 - Asymmetric Cryptographic Capabilities
 - Compression/Decompression of ~75-80Gb/s
- Upstream Signal PCIe x8 by Golden Finger
- Compatible with Lanner NCS2 Standard

■ Specifications

| | |
|-------------|--|
| PCB | ICE06B/ICE06C |
| Chipset | Intel® Lewisburg C626/C627 |
| Interface | 1x PCIe x8 Golden Finger (GEN3 8 GT/s) |
| Connector | N/A |
| Temperature | Operating: 0°C ~ 40°C Storage: -10°C ~ 70°C |
| Humidity | 5%~95% Non-condensing |
| Mechanical | Dimension (W x D): 102.7 x 75 mm Weight: 90 g |

■ Intel QAT Overview

- Cryptographic Capabilities: 100Gb/s IPsec & SSL
 - Symmetric Ciphers
 - Message Digest
 - Authenticated Encryption
- Asymmetric Cryptographic Capabilities
 - Modular Exponentiation for DH
 - RSA Key Generation, Encryption/Decryption and Digital Signature Generation / Verification. RSA up to 100K Ops/sec
 - DSA Parameter Generation and Digital Signature/Verification
 - Elliptic Curve Cryptography
- Compression/Decompression of ~75-80Gb/s

■ Ordering Information

| | |
|-----------|---|
| AV-ICE06B | Lanner Slim-type Width Form Factor Crypto Card with Intel® Lewisburg C626 |
| AV-ICE06C | Lanner Slim-type Width Form Factor Crypto Card with Intel® Lewisburg C627 |

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Lanner

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