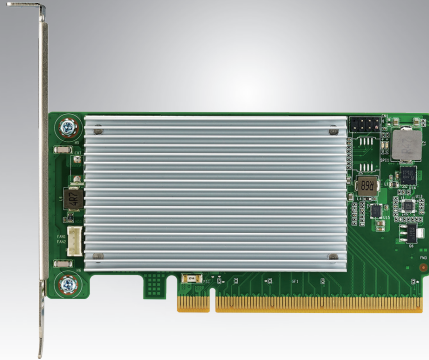


PCIE-3031

PCIe 3.0, x16 Crypto/ Compression LBG Server Adapter

Preliminary



Features

- Controller supports PCI Express Base Specification 3.0 (8 GTs)
- PCI Express x16 lanes
- Intel® QuickAssist Technology for Crypto and Compression
 - Compression/Decompression (Deflate)
 - RSA Decrypt
 - IPSec/SSL
 - Wireless: KASUMI, ZUC, SNOW 3G (Lewisburg only)
 - Bulk: AES, 3DES, (A)RC4
 - Hash: MD5, SHA-1/2 SHA-3 HMAC



CE FCC

Technical Specifications

General Technical Specifications	Interface Standard	PCIe Gen 3.0 (8GTs)
	Board Size(bracket is exclusive)	132.3*68.9 mm (L*H)
	PCI Express Card Type	x16 Lane
	PCI Express Voltage	+12V There will not be an external Aux power input
	PCI Connector	Gold Finger: x16
	Controllers	Intel® C627
	Weight	155gr (5.47oz)
	Power Consumption	20w
	Holder	Metal Bracket: Full height (default) Low profile (accessory)
	Operating Temperature (Required airflow: 300LFM)	-5 ~ 55 °C
	Operating Humidity test	45 °C @ 95%
	Cooling	Passive Heatsink
	Storage Temperature	-40 ~ 85 °C
	Storage Humidity test	60 °C @ 95%
Regulation	CE/FCC	
Operating Systems Support	Operating Systems Support Linux	

Ordering Information

Part Number	Description
PCIE-3031NP-00A1E	PCIe3.0x16 Crypto/Compression LBG Server Adapter (C627)

