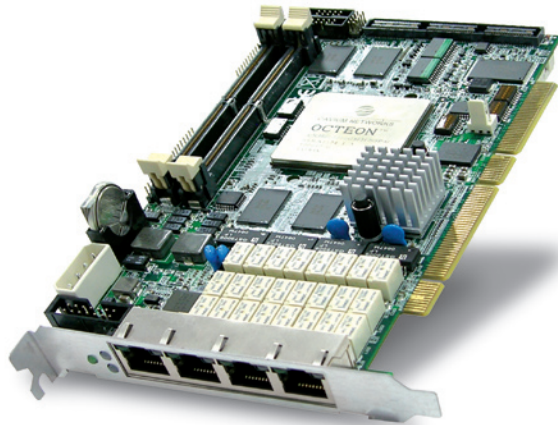


RF-330

Advanced Packet Optimizing card to enhance your x86 server with MIPS multi-core power



FEATURE

- Tremendous packet processing power with up to 16 MIPS64 processor cores
- Rich built-in security features: compression-decompression, encryption-decryption, regular expression, pattern matching, TCP-offload, SSL, IPS, Antivirus and Qos
- Supports both Host Mode for stand-alone system board and Target Mode as a PCI-X add-on card
- Four Copper GbE ports with two Gen.-2⁽¹⁾ bypass segments
- Flexible SPI 4.2 interface for variable application expansion
- Optional onboard RLD RAM for high performance pattern matching
- Two Mini-DIMM sockets support ECC registered DDR2 up to 8GB
- Onboard CF-socket for Type-I/II CF card

SPECIFICATION

Processor	Cavium Octeon™ CN38XX series Multi-core MIPS64® SoCs
Form Factor	PCI-X board in proprietary length
System Memory	- Two 244pin Mini-DIMM sockets, support DDR2/667 up to 8GB - Onboard RLD RAM up to 288MB for pattern matching
Ethernet Port	Four RJ45 Gigabit Ethernet ports
Bypass Segment	Two Gen-2 bypass segments onboard
Expansion	- One vertical SPI 4.2 interface for connection with 10G/1G modules - Golden finger of 64bit/133MHz PCI-X interface for installation as a PCI-X add-on card
Operating Environment	- Temperature: 5 to 40°C - Humidity 5% to 95%RH
Storage Environment	- Temperature: -20 to 70°C - Humidity 5% to 95% RH

ORDERING GUIDE

Part No.	Cavium Processor	MIPS64 Cores	Ethernet Port	Bypass Segment	RLDRAM
RF-330	CN3860-500	16	4	1	288MB

⁽¹⁾Gen.-2.0 bypass: The latest bypass generation with software programmable Open/Bypass mode by power failure and Next Boot Mode