

NCPB-2305

Cavium OCTEON CN-6335 Packetarium™ Card

NEW



Features

- Cavium OCTEON II CN6335-AAP-1300MHz
- Two DDR3 DIMMs supports up to 1333MHz
- Supports HFA/DFA for HW DPI engine (optional)
- Compatible w/ NCP-7560, NCP-5360, NCP-3120 and all Packetarium™ system features
- Two PCIe x4 slots as control plane
- One XAUI interface as data plane
- One 1000 Mbps connector as management
- USB 2.0 MAC/PHYS
- IPMI1.5 MMC as HW management

Introduction

NCPB-2305 Packetarium™ adopts one Cavium OCTEON II CN6335 1300Mhz NPU. NCPB-2305 can provide SERDES-based I/O's including two Gen2 four-lanes PCI Express, one XAUI (or four SGMII) connection.

Specifications

Processor System	Processor	Cavium OCTEON II CN6335-AAP
	Max. Speed	Core frequency up to 1.3 GHz
	Processor Cores	6 Cores
System Memory	Memory Socket	Support DDR3 UDIMMs from 1066MHz, up to 1333MHz
	Memory Type and Capacity	Up to 16GB-1333MHz
Boot Flash	Flash Type	NOR Flash
		Redundant NOR flash up to 128MB
Management Interface	Management Port	UART console port x 1
Interface	Logical Connection	Two PCIe x4 ports
		XAUI x1 or SGMII/SERDES(4-lanes) x1
Cooling	CPU Heatsink	Passive Aluminum Cooler
SW Support	Bootloader	Cavium SDK 2.3, U Boot
	Operating System	Cavium SDK 2.3 Debian Linux
	Driver	Cavium CN63XX driver
Physical Characteristics	Dimensions (W x H)	195 x 135 mm (7.7" x 5.3")
	Weight	0.5 kg

Ordering Information

Contact our sales for more pricing & ordering information.