

NCPB-2410

Netlogic XLR 732 Packetarium™ Card



Features

- Netlogic XLR732 processor Max Speed 1.2 GHz
- Supports 2x DDR2-800MHz DIMMs, up to 4GB
- Compatible w/ NCP-7560, NCP-5360, NCP-3120 and all features Packetarium™ system
- PCIe x1 + PCIe x16 Gold Fingers
- Two XAUI interfaces as data plane
- TSOP56 Redundant Boot Flash
- 245.6 (W) x 148.6 (H) mm (9.67" x 5.85")

Introduction

NCPB-2410 Packetarium™ network processing card supported all Packetarium™ family is based on the RMI XLR 732 8-core processor. Each processor supports up to 4 GB of memory on two DIMM sockets. Two PCIe x4 slots provide control plane connectivity with the carrier while two XAUI interfaces connect to the data plane. The board is designed with IPMI 2.0 H/W Management, remotely managed via a local Module Management Controller (MMC) connected to the carrier's IPMB-L (I2C) bus. A console port and a 1000 Mbps connector provide further management interface options.

Specifications

Processor System	Processor	Netlogic XLR732
	Max. Speed	1.2 GHz
	Processor Cores	8 Cores
System Memory	Memory Socket	Two 240-pin DDR2 DIMM slots
	Memory Type and Capacity	ECC registered DDR2 800 MHz DIMMs, up to 4GB
Boot Flash	Redundant Boot Flash/Type	S29GL01GP11TFIR10 TSOP56
	Max Flash Size	1 Gbit
Management Interface	Management Port	PClex1 + PClex 16 Gold Fingers
Interface	Logical Connection	Two PCIe x 4 slots
		Two XAUI interfaces
		One 1000 Mbps connector
Cooling	CPU Heatsink	Passive Aluminum Cooler
SW Support	Bootloader	Netlogic XLR SDK
	Operating System	Linux Kernel 2.6
Physical Characteristics	Dimensions (W x H)	245.6 x 148.6 mm (9.67" x 5.85")
	Weight	0.5 kg

Ordering Information

Contact our sales for more pricing & ordering information.