

# NCPB-2110

## Dual LSI ACP-3448 Packetarium™ Card

### Preliminary



### Features

- Dual LSI ACP-3448 1.8GHz NPUs
- Each processor supports 2x DDR3-1066MHz DIMMs
- Compatible w/ NCP-7560, NCP-5360, NCP-3120 and all features Packetarium™ system
- Two PCIe x4 slots as control plane
- Two XAUI interfaces as data plane
- Two 1000Base-T connectors as management plane
- IPMI1.5 MMC as HW management

## Introduction

NCPB-2110 Packetarium™ adopts two LSI ACP-3448 1.8GHz NPUs. Each ACP-3448 includes eight Power Architecture e500mc cores. This platform features SERDES-based I/O's including two Gen2 4-lanes PCI Express, four XAUI (or sixteen SGMII). An embedded MMC (NXP LPC-1756) Micro-Controller serves as I<sup>2</sup>C controller and provides hardware monitor and power manager functions.

## Specifications

Processor System	Processor 1 & 2	LSI ACP-3448
	Max. Speed	1.8 GHz
	Processor Cores	4 Cores
System Memory	Memory Socket	Two 240-pin DDR3-1066MHz DIMMs (for each NPU)
	Memory Type and Capacity	2GB UDIMM 1066MHz
Boot Flash	Flash Type	NAND Flash
		SPI Flash
Management Interface	Management Port	UART port x 1 & USB port x1
	Logical Connection	Two PCIe x4 ports Two XAUI interfaces Two 1000Base-T connectors
Cooling	CPU Heatsink	Passive Aluminum Cooler
SW Support	Bootloader	LSI SDK
	Operating System	LSI SDK
	Driver	LSI ACP-3448 driver
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.