



CAK-3000

Octeon Plus CN52xx platform, Up to 10 ports



FEATURE

- Highly-integrated networking appliance
- Excellent performance/watt
- MIPS64 Cavium Octeon 52XX series up to 4 cores and 750MHz
- Hardware packet processing acceleration and TCP acceleration, including checksum and timer
- Hardware work queueing, scheduling, ordering, and synchronization
- Hardware cryptographic and CRC acceleration



SPECIFICATION

CPU Board	- Cavium Octeon plus 52XX series with hardware - Up to 4 cores and 750MHz
System Memory	- Dual-channel DDR2 with two 240-pin DIMM socket - Supports DDR2 800 ECC UDIMM up to 4GB
Ethernet Port	- 4 GbE ports via SGMII - 2 FE ports via MII
Bypass function	Two programmable bypass segments
Expansion Slot	One optional PCI-E x4 expansion slot, rear access
Storage Device	- One SATA 3.5"/2.5" HDD - CompactFlash socket on-board
Serial Port	- One front accessible RJ45 connector for system console - One internal 2x5 pin connector
LCD Panel	- Optional 2x16 characters or 128x32 graphic LCD module with 4 buttons - 128x64 graphic LCD module for project based request software control Bi-LEDs
LEDs	Power status, Data access, Ethernet status/speed and Bypass status
USB	One USB 2.0 ports, front access
Power	Full-range 100W ATX PSU
Dimension	438(W) x 292(D) x 44(H) mm 17.2" (W) x 11.5" (D) x 1.73" (H)
Operating Environment	- Temperature: 5 to 40°C (67 to 130°F) - Humidity 20% to 90%RH
Storage Environment	- Temperature: 0 to 70°C (58 to 184°F) - Humidity 5% to 95%RH
Certification	CE/FCC/UL



100W ATX PSU

Optional PCI-E x4

Optional NIC

LAN module	Chipset	Ethernet	Bypass
ABN-454L	82574L	4 Gb Copper	0
ABN-484L	82574L	4 Gb Copper	2
ABN-482	82571EB	2 Gb Fiber	1
ABN-664	82575EB	4 Gb Fiber	0

ORDERING GUIDE

Part No.	CPU	CPU	GbE/ FE ports	Bypass	EZIO
CAK-3000-7621	CN5220	SCP 500MHz	4 / 2	2	Optional