



KiLIN-6030 KiLIN™

2U rack-mount network server with Cavium Octeon processor and redundant PSU



FEATURE

- MIPS64 Cavium Octeon processor with 16 cores and up to 600MHz
- Security, Regular expression and Decom/ compression functions inside
- Optional COM-Express module supported
- Up to Sixteen Gigabit Ethernet ports with five bypass segments
- SPI4.2 interface for possible 10G solution or fiber bypass function
- Four DDR400/DDRII memory slots and 256MB RLDRAM on-board
- Up to two PCI-X expansion slots
- Redundant 350W ATX PSU



SPECIFICATION

CPU Board	- Cavium Octeon CN3860 series with security function inside - 16 cores with 400/500/600MHz CPU frequency
System Memory	- Four ECC registered DDR400/DDRII memory slots up to 8GB, in 533/66MHz - 256MB RLDRAM on-board
Ethernet Port	- Two 64bit/66MHz Gigabit Ethernet ports for management - Four Gigabit Ethernet ports on-board in two bypass segments - Ten Gigabit Ethernet ports from SPI4.2 interface in three bypass segments, with other options such as 10G interface or fiber bypass
Expansion Slot	- Up to two PCI-X expansion slots - COM-Express interface alternative with one PCI-X slot
Storage Device	- Two swappable 3.5" SATA HDD, alternative from Octeon carrier board or COM-Express module - CompactFlash socket on-board
Serial Port	- Both of RJ45 connectors from carrier board and COM-Express respectively - One 2x5 pin-connector from carrier board
LCD Panel	2x16 characters LCD module with 4-buttons, option for 6-buttons
LEDs	LED indicators for power status and storage access
IDE	Two SATA connectors from Cavium and two from COM-Express module
USB	Option
VGA	N/A
Power	Full-range 350W 1+1 redundant PSU
Dimension	431(W) x 394(D) x 88(H) mm 16.97"(W) x 15.5"(D) x 3.46"(H)
Packing Dimension	25.98"(W) x 21.93"(D) x 10.23"(H)
Weight	Gross: 18kg (39.65 lbs); Net: 12.5kg (27.53 lbs)
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

Two PCI-X expansion slots



350W 1+1 redundant PSU

ORDERING GUIDE

Part No.	Cavium Processor	Ethernet	EZIO	COM-Express
KiLIN-6030-4300	Octeon CN3860-500NSP	14 Copper GbE + 2 management port	Yes	Option