



# KiLIN-6020 KiLIN™

1U rack-mount network server with Cavium Octeon processor and up to eight Gigabit Ethernet ports

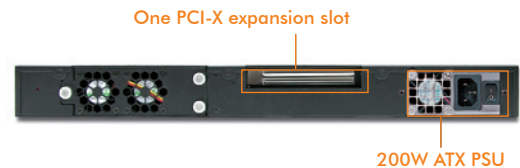


## FEATURE

- MIPS64 Cavium Octeon processor with 8 cores and up to 600MHz
- Security, Regular expression and Decom/compression functions inside
- Up to Eight Gigabit Ethernet ports in four bypass segments
- SPI4.2 interface for possible 10G solution or fiber bypass function
- Four DDR2/400 memory slots and 64MB RDRAM on-board
- One PCI-X expansion slot supports

## SPECIFICATION

CPU Board	- Cavium Octeon CN3840 series with security function inside - 8 cores with 400/500/600MHz CPU frequency
System Memory	- Four 240-pin DDR2 DIMM slots - Supports DDR2 667/533/400 up to 8GB - 64MB RDRAM on-board
Ethernet Port	- One 64bit/66MHz Gigabit Ethernet port for management - Four Gigabit Ethernet ports on-board in two bypass segments - Four optional Gigabit Ethernet ports from SPI4.2 interface in two bypass segments, with other options such as 10G interface
Expansion Slot	One PCI-X expansion slot
Storage Device	- Two 2.5" SATA HDD - CompactFlash socket on-board
Serial Port	- One RJ45 connector for system console - One 2x5 pin-connector for LCD or other option
LCD Panel	2x16 characters LCD module with 4-buttons, option for 6-buttons
LEDs	Power status, data access, Ethernet status/speed and bypass status
IDE/SATA	Two SATA connectors
USB	Option
VGA	N/A
Power	Full-range 200W ATX PSU
Dimension	431 (W) x 394 (D) x 44 (H) mm; 16.97" (W) x 15.5" (D) x 1.73" (H)
Weight	Gross: 12kg(26.43 lbs); Net: 7kg(15.42 lbs)
Operating Environment	- Temperature: 5 to 40°C (41 to 104°F) - Humidity 20% to 90% RH
Storage Environment	- Temperature: 0 to 70°C (32 to 158°F) - Humidity 5% to 95% RH
Certification	CE/FCC/UL



## ORDERING GUIDE

Part No.	Cavium Processor	Ethernet	EZIO	COM-Express
KiLIN-6020-0351	Octeon CN3860-500 NSP	4 Copper GbE + 1 management port	Yes	N/A
KiLIN-6020-0350	Octeon CN3840-500 NSP	4 Copper GbE + 1 management port	Yes	N/A