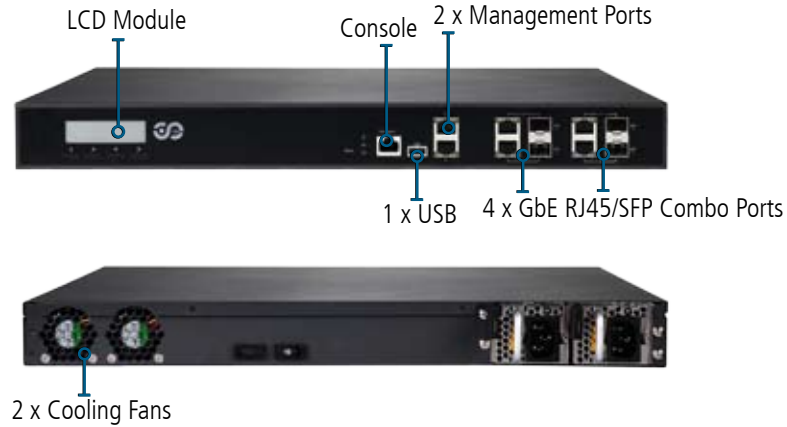


MR-730

Accelerated 1U Network Appliance with Oteon Plus CN5230 CPU



Features

Accelerated Networking Appliance

The MR-730 is designed for network speed. Built around the Oteon Plus CPU and chipset, it utilizes TCP acceleration, Packet I/O processing and QoS to ensure less packet loss, queuing priorities, and ultimately higher bandwidth throughput.

High Performance Networking

The MR-730 comes standard with 2 FE ports and 4 GbE combo ports. Both FE ports support management and the 4 GbE support 2 pairs of bypass. All six ports ensure that MR-730 will serve sufficiently as a standard network communication device.

Redundant power supplies

Ordering options include the stand alone 100W power supply, 2 x 200 W power supplies for redundancy or a single 200W DC power supply.

Swappable Fans

The MR-730 comes with a CPU heatsink and dual fans that are easily replaceable.

Watchdog

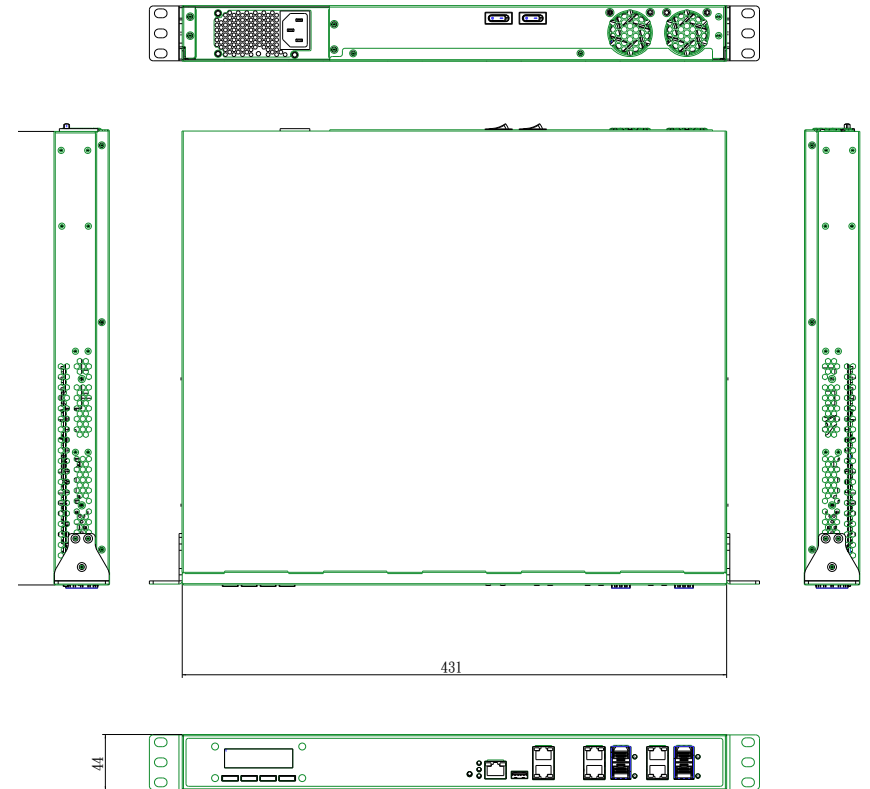
The embedded watchdog monitors the system so that it can automatically trigger a reset if software hangs. This is an essential feature of a network appliance.

Real Time Clock with LI Battery

All Lanner network appliances feature a real time clock that keeps ticking no matter if it's on or off with the help of a LI battery.



Dimensions: 431 x 44 x 360 mm



Specifications

Form Factor		1U Rackmount
Platform	Processor Options	Cavium Octeon Plus CN5230-700-SCP
OS Support		Linux OS (Kernel version depends on BSP)
Flash Memory	Boot Flash	128Mbit NOR Flash
	Extra Flash	N/A
System Memory	Technology	DDR2 @ 667/800 MHz
	Max. Capacity	DDR2 667 support up to 4GB DDR2 800 support up to 2GB
	Socket	2 x 240P DIMM
Storage	HDD Bays	2 x 2.5"
	CF/SD	1 x Type II CompactFlash
Networking	Ethernet Ports	4 x GbE RJ45/SFP combo ports
	Bypass	2 pairs G2 (Copper only)
	Controllers	2 x Broadcom BCM5482S 2 x Realtek RTL8201E(management)
	Ethernet Modules	N/A
	Management Port	2 x 10/100 RJ45 ports
I/O Interface	Reset Button	Yes
	Console	1 x RJ45
	USB	1 x USB 2.0
Expansion	PCIe	1 x Mini-PCIe
	PCI	N/A
Cooling	Processor	Passive heatsink
	System	2 x cooling fans
Environmental Parameters	Temperature, ambient operating / storage	0 ~ 40° C / -20~70° C
	Humidity (RH), ambient operating / ambient non-operating	5~95%, non-condensing
Miscellaneous	LCD Module	2 x 20 characters with 4 buttons
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
Physical Dimensions	Dimensions (WxHxD)	431 x 44 x 360 mm
	Weight	4.5 ~ 6 kg (depends on power supply)
Power	Type / Watts	MR730A: 100W single AC power MR730B: 200W redundant AC power MR730C 200W single DC Power
	Input	MR730A: AC 100-240V MR730B: AC 100-240V MR730C: DC 36~72V
Approvals and Compliance		CE emission, FCC Class A, RoHS

Ordering Information

MR-730A	MR730A + 100W Power
MR-730B	MR730B + 200W Redundant Power
MR-730C	MR730C + 200W DC Power