



MILITARY RUGGED RX12 SERIES 4U RACKMOUNT SERVER



SD-RX12S4U-CV5

- CPU: Intel® Xeon® 8-Core D-1537 processor
- Memory: Up to 128GB DDR4 2133 MHz support
- Ethernet: 2 x Intel® Gigabit LAN
- Support 5x USB2.0, 2x USB 3.0, 1x COM
- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- Support Watchdog Timer
- MIL-STD-810G Compliant
- EMC : MIL-STD-461F Compliant
- MIL-DTL-38999 Type Connectors

Aluminium HE-30 material
Fanless design resistant to salt and dust
(per MIL-STD-810G)
Front access USB 2.0 x2 option
Shock & Vibration resistant
Removable SSD drive option



SYSTEM FEAUTERS

Chassis	4U Rackmount
CPU	Intel® Xeon® 8x Cores D-1537, Turbo mode 2.3GHz CPU
Chipsets	System on Chip
Memory	DDR4 2133 MHz 32GB (support up 128GB)
Storage	MSATA or 2.5 inch removable SSD option
Integrated Graphics	Aspeed AST2400
Real Time Clock	RTC (Real Time Clock) Wakeup
Storage	2x 256GB SSD ; 5x 12TB SATA 6Gb/s HDD (60TB Capacity)
Serial ATA Interface	SATA3 (6Gbps) Support RAID 0,1,5,10 RSTe
Display	1 x VGA
TPM	TPM 2.0
LAN Interface	2 x Intel® Gigabit Ethernet +1x Dedicated IPMI LAN port
GPIO Interface	8-bit digital I/O interface
Rear I/O D38999 Ports	1x VGA, 1x Serial ,2x 1GbE LAN, 1x dedicated IPMI, 2x USB3.0, 2x USB2.0, 1x Power input
Power	600W Power Supply AC 90 ~ 264V, 47 ~ 63 Hz input
Dimension	482.6mm x 177mm x 500m (W x H x D)
Temperature	Operating Temperature -20 ~60°C per MIL-STD-810G Storage Temperature -30 ~ 70°C per MIL-STD-810G
Salt Fog	MIL-STD-810G, Method 509.5
Humidity	RH 95% per MIL-STD-810G Method 507.5
Shock	20G per MIL-STD 810G Method 516.6
Vibration	MIL-STD-167-1 Shipboard
EMI/EMC	MIL-STD-461G (CE102, CS101, CS114, CS115, CS116, RE102, RS103, CS118)

DRAWING

