



## MILITARY RUGGED RX12 SERIES 2U RACKMOUNT SERVER

# SD-RX12S2U-BA-712R



- CPU: Intel® Xeon® 8-Core D-1541 processor
- Memory: Up to 128GB DDR4 2400/2133 MHz support
- Storage: 2TB SSD (support up to 4TB)
- Chipset: System on chip
- Ethernet: 2 x Intel® Gigabit LAN
- Support 4x USB2.0, 2x USB 3.0, 1x COM
- IPMI 2.0 KVM-over-LAN support
- Support Watchdog Time
- 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)  
Shock & Vibration resistant  
Removable SSD drive option

## SYSTEM FEAUTERS

<b>Chassis</b>	2U Rackmount
<b>CPU</b>	Intel® Xeon® 8x Cores D-1541, Turbo mode 2.7GHz CPU
<b>Chipsets</b>	System on Chip
<b>Memory</b>	DDR4 2133 MHz 32GB (support up 128GB)
<b>Storage</b>	MSATA or 2.5 inch removable SSD option
<b>Graphics</b>	NVIDIA Quadro P620 2GB GDDR5 PCI-Express Video Card
<b>Real Time Clock</b>	RTC (Real Time Clock) Wakeup
<b>Storage</b>	2TB SSD (support up to 4TB)
<b>Serial ATA Interface</b>	SATA3 (6Gbps) Support RAID 0,1,5,10 RSTe
<b>Display</b>	2 x DVI, 1 x HDMI, 1 x Display port, 1 x VGA
<b>TPM</b>	TPM 2.0
<b>LAN Interface</b>	2 x Intel® Gigabit Ethernet +1x Dedicated IPMI LAN port
<b>GPIO Interface</b>	8-bit digital I/O interface (optional)
<b>Rear I/O D38999 Ports</b>	2x DVI, 1x HDMI, 1x Display port, 1x VGA, 1x Serial, 2x 1GbE LAN, 1x dedicated IPMI, 8x USB 2.0, 1x Power input
<b>Power</b>	600W Power Supply with AC 90 ~ 264V, 47 ~ 63 Hz input
<b>Dimension</b>	482.6mm x 88.1mm x 450m (W x H x D)
<b>Temperature</b>	Operating Temperature -20 ~ 60°C per MIL-STD-810G Storage Temperature -30 ~ 70°C per MIL-STD-810G
<b>Salt Fog</b>	MIL-STD-810G, Method 509.5
<b>Humidity</b>	RH 95% per MIL-STD-810G Method 507.5
<b>Shock</b>	20G per MIL-STD 810G Method 516.6
<b>Vibration</b>	MIL-STD-167-1 Shipboard
<b>EMI/EMC</b>	MIL-STD-461G (CE102, CS101, CS114, CS115, CS116, RE102, RS103, CS118)

# DRAWING

