



RM3UPC-NV01

Rugged Rack Mount 3U Server

The RM3UPC-NV01 is the industry leading state-of-the-art rugged MIL-Spec server. The RM3UPC-NV01 3U server takes a server class motherboard and installs it in a 20" deep all aluminium chassis. This allows our customers to run heavy load applications where the work is being done. The on board front removable hard drives allow sensitive data to be removed and stored for security concerns. Highly customizable and configurable. We build quality solutions that meets your application. iTechLCD server portfolio includes both standard and custom configurations, including ruggedized servers. These solutions are specifically designed to provide high performance, availability, and reliability in harsh environments.

iTechLCD Rugged Mil-Spec Servers and workstations carry a strong history of proven performance. Our solutions are fielded in real-world battlefield situations around the globe. We offer products with varying degrees of ruggedization to fit any requirement on land, at sea or in the air. Fixed, portable, rack-mount and workstation units, incorporating versatile COTS-based configurations and a range of interface cards, deliver excellent operational performance no matter how extreme the environment.

Technical Specifications	
Form Factor	Rack Mountable 3U (5.25") 20" Rack Depth
Configuration	Dual Socket Intel Xeon E5-2600 Series CPU motherboard Up to 512GB DDR3 1600MHz ECC Registered DIMM; 16x DIMM sockets
Available expansion slots	4 PCI-E 3.0 x16 (double-width), 2 PCI-E 3.0 x8 (1 in x16 slot), 1 PCI-E 2.0 x4 (in x8 slot)
On board features	Intel i350 Dual port GbE Lan Integrated IPMI 2.0 and KVM with Dedicated Lan 10x USB Ports 2x SATA3 8x SATA2 VGA Cooling: high speed/volume fan(s)
Power Supply	120/240VAC w/PFC 600W, 50-400 Hz Optional Redundant AC Optional DC power supply
Environmental	Operating Temp 0C to 50C Storage Temp -50C to 80C Vibration: 15-200 Hz
Military Specifications	MIL-STD -810, MIL-STD-461, MIL-STD-167, MIL-STD-901D, MIL-STD-1474, MIL-STD-740-2
Software Compatibility	Windows 7, Windows 8, Windows Server 2008 / 2012, Vmward, or Linux

