

# JSV-8202

2U rack mount rugged server



## Features

- Dual-channel Xeon E5 family high-performance CPU
- Contains Intel embedded platform C604 chipset, supporting up to E5 family 4.6.8.10 core CPUs
- Complete I/O ports, and all the ports adopt full aviation socket design
- The chassis is shaped by high-quality stainless steel, and the front panel is made of hard aluminum alloy.
- 4 x HDD bay, and electronic HDD, which is safe and reliable

## Specifications

System	
Processor	Dual-channel Intel Xeon processor E5-2600 family CPUs. Each channel CPU supports up to 8GT/s QPI
Chipset	C604 Chipset
Memory	8 x DDR3 memory slot; a single memory module supports up to 32G memory capacityOptional HDD (supports 4 x 2.5' drawable HDD bay)
Storage port	
SATA	Optional HDD (supports 4 x 2.5' drawable HDD bay)
IO ports	
USB	2 x USB2.0 port at front, 2 x USB2.0 port at rear (aviation socket)
COM	1 x COM port at rear (aviation socket)
LAN	2 x 10/100/1000Mbps LAN port at rear (aviation socket)
VGA	1 x VGA port at rear (aviation socket)
Others	Power connector aviation socket
PCI-E	1 x PCI-E*8 expansion
Ethernet	
chipset	AC/DC 110~220V 100W single power supply or redundant
Speed	power supply optional
Connect	
Expansion	

others	
EMC	Meets GJB151A five items of requirements of Land Force
Operating temperature	0 °C ~40°C (-10 °C ~50°C optional)
Storage environment	-40 °C ~70 °C
Constant humidity/heat	40°C 95%RH
Power supply	500W ATX power supply
Weight	/
Dimensions (W×H×D)	482.6mm×88.1 mm×488mm

Mechanical performance	
Anti-vibration	5 ~ 19Hz/1mm, 19 ~ 200Hz/1.5g, 30 minutes for each of the three axes. The product is in operating status during the test; (The HDD used is a common HDD); 5 ~ 30Hz/1.2g, 30 ~ 50Hz/0.3mm, 50 ~ 500Hz/3.0g, 15 minutes for each of the three axes. The product is in operating status during the test; (The HDD used is an SSD).
Anti-shock	10g/11ms, half-sine wave, three times of impact for each of the three axes; The product is in operating status during the test.
Reliability	MTBF ≥ 10000H
Maintainability	MTTR ≤ 0.5H

## Ordering Information

Model Number	Description
JSV--8202-01 (aviation socket, military green)	19-inch 2U rugged server/ NET-2814VD2N(B)-03 motherboard/ E5-2620/ RoHS/2.0GHz 2-chip/4G memory/AC/full aviation socket
JSV-8202-02 (aviation socket, military green)	19-inch 2U rugged server / NET-2814VD2N(B)-03 motherboard/ E5-2630V2/RoHS/2.6GHz 2-chip/8G memory/AC/full aviation socket