



JPC-8203B

2U Rack Mount Rugged PC

- Onboard Intel® Core™ i7-4700EQ/2.40GHz CPU
- Onboard 4GB DDR3L 1333MHz. 1 x SO DIMM slot, support up to 8GB
- Optional aviation connector and standard connector
- 2 x PCI , 1 x PCI-E x8 expansion
- Tri-proof for the whole PC



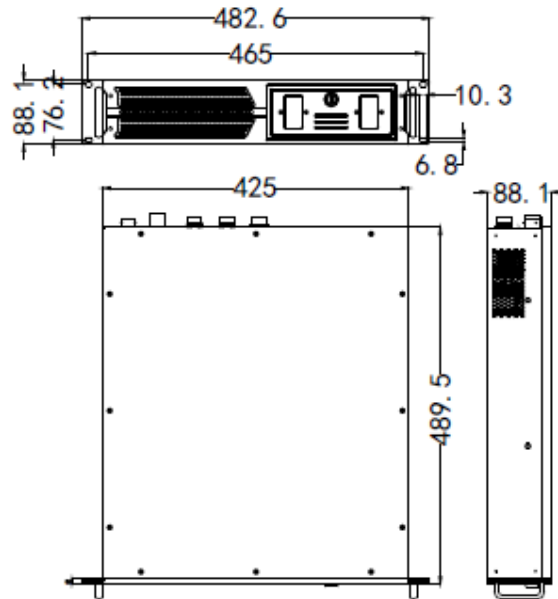
Specifications

CPU	Onboard Intel core i7-4700EQ 2.40GHz 4Cores, i5-4410E 2.9GHz 2cores (Optional)	
Chipset	Intel® QM87	
Memory	Onboard 4GB DDR3L 1333MHz memory, 1 x SO-DIMM slot , expandable to 8GB, support up to 12GB	
Storage	2 x 2.5" HDD bay	
IO Port	USB	Front ports: 2 x USB2.0 Rear ports: JPC-8203B-01: 4 x USB2.0, 1 x USB3.0 (aviation connector) JPC-8203B-02: 4 x USB2.0, 1 x USB3.0 (Standard connector)
	COM	JPC-8203B-01: 2 x COM (aviation connector) JPC-8203B-02: 2 x COM (Standard connector)
	Lan	JPC-8203B-01: 2 x Lan (aviation connector) JPC-8203B-02: 2 x Lan (Standard RJ45 connector)
	Display	JPC-8203B-01: 1 x VGA (aviation connector) JPC-8203B-02: 1 x VGA (DB15 connector), 1 x DVI-D(standard connector)
	Audio	JPC-8203B-02: 1 x MIC-in , 1 x Lin-Out
	Others	1 x Mini PCIe socket (support WLAN, Debug Card) 1 x MXM socket (Expandable MXM independent graphics)
Expansion	PCIe	1 x PCIe x8 , support height 133mm, Length 182mm, compatible with PCIE2.0
	PCI	2 x PCI, support height 133mm, Length 182mm, compatible with PCI2.3
Mechanical Performance	Anti-vibration	5~19Hz/1mm, 19~200Hz/1.5g, three axes, 30min/each axis (When Using HDD) 5~30Hz/1.2g, 30~50Hz/0.3mm, 50~500Hz/3.0g, three axes, 15min/each axis(When using SSD)
	Anti-Shock	10g/11ms, half-sine wave, three times for each of three axes
	Reliability	MTBF ≥ 10000H
	Maintainability	MTTR ≤ 0.5H
	Protection Grade	All components with Tri-proof
Operating Temperature	-20℃~55℃ (-40℃~60℃ optional)	
Storage Temperature	-40℃~70℃	
Humidity Environment	40℃~95% RH	

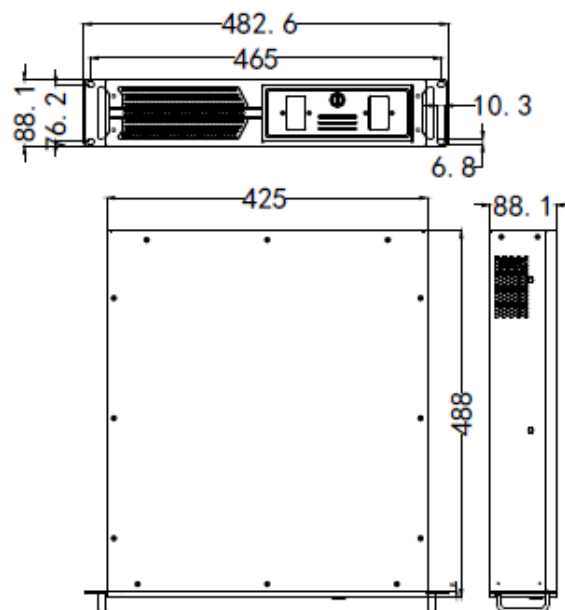


Power supply	220VAC Aviation plug input
Color	JPC-8203B-01: Olive drab JPC-8203B-02: Icy gray
Dimension(w x H x D)	JPC-8203B-01: 425mm x 88.1mm x 489.5mm JPC-8203B-02: 425mm x 88.1mm x 488mm

Dimension



JPC-8203B-01



JPC-8203B-02

Units: mm



Ordering Information

Part Number	Model Number	Description
0010-096761	JPC-8203B-01 /i7-4700EQ/4G/300W	2U Rugged computer/i7-4700EQ 2.4G/QM87/Onboard 4G DDR3L 1333(optional 8G expansion)/1 x PCI-E x8/2 x PCI/ 2 x 2.5" HDD bay/1 x VGA/ 2 x 1000Mbps Lan ports/2 x COM/6 x USB2.0/1 x USB3.0/300W ATX power supply/ aviation connectors for all power supply and I/O ports.
0010-096150	JPC-8203B-02 /i7-4700EQ/4G/300W	2U Rugged computer/i7-4700EQ 2.4G/QM87/Onboard 4G DDR3L 1333(optional 8G expansion)/ 1 x PCI-E x8/2 x PCI/2 x 2.5" HDD bay/1 x VGA/ 2 x 1000Mbps Lan ports/2 x COM/6 x USB2.0/1 x USB3.0/ 1 x DVI port/ MIC-in +Lin-Out /300W ATX power supply/ aviation connector for only power supply, standard connector for I/O ports