

QUANTUM-W

Rack Mount Industrial PC

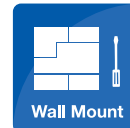
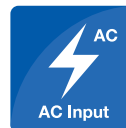
Wall mount solution from 4th generation



Key Feature



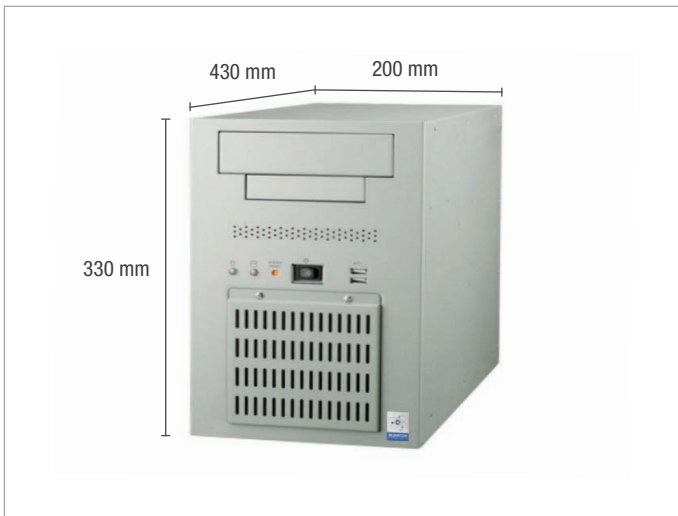
- Shockproof drive bay for one 5.25" ODD and three 3.5" HDDs
- 0 ~ 60° C ambient operation temperature range
- Supports Software RAID 0, 1, 5, 10
- Flexible system
- Wallmount or workbench mounting
- Remote KVM with intel AMT



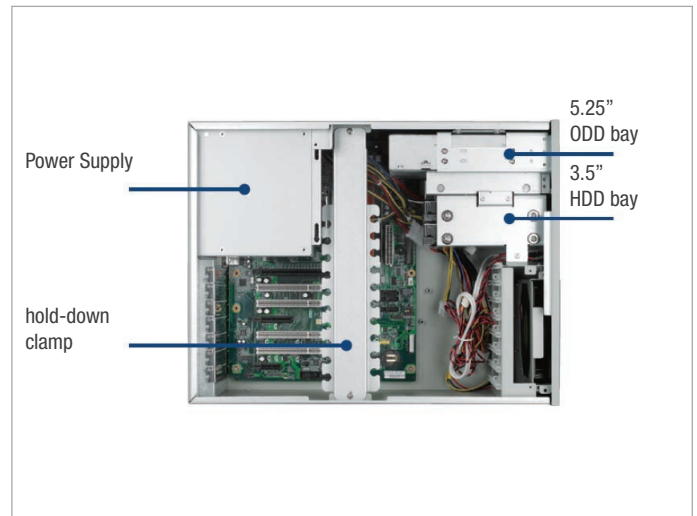
Specifications		Quantum-W4	Quantum-W6	Quantum-W7
CPU	CPU	4th gen	6th gen / Xeon	7th gen / Xeon
	TDP max	95W	91W	91W
	Chipset	Q87/C226	H110/Q170/C236	H110/Q170/C236
	BIOS	AMI EFI 128Mbit	AMI EFI 128Mbit	AMI EFI 128Mbit
System Memory	Type	DDR3	DDR4	DDR4
	Slot	4	2 / 4	2 / 4
Storage	HDD/SSD bay 3.5"	3	3	3
	5.25" Drive	1	1	1
	mSATA	-	1	1
Display e Graphics	Display	Intel HD Graphics	Intel HD Graphics	Intel HD Graphics
	VGA	1	1 / Optional	1 / Optional
	DVI	1	1	1
	DP	1	1	1
	HDMI	-	1	1
Rear I/O	PS/2 Keyboard/Mouse	yes	-	-
	COM port	RS232/422/485	-	2
	USB 3.0	4	6	6
	RJ45	2	2 / 4	2 / 4
	USB 2.0	-	2	2
Front I/O	USB 2.0	2	2	2
Internal I/O	USB 2.0	6	-	-
	USB 3.0	-	4	4
	Serial	4 x RS-232 1 x RS-232/422/485 w/ auto flow control"	4 x RS-232 1 x RS-232/422/485 w/ auto flow control"	4 x RS-232 1 x RS-232/422/485 w/ auto flow control"
	SATA 3.0	6	-	-
	Parallel	1	-	-
	GPIO	8 bit	16 bit	16 bit
Network	LAN 1	i217LM	i219LM	i219LM
	LAN 2	i211AT	i211AT	i211AT
	AMT	9.0	11.0	11.0
Serial port	Rear Pinout			
Audio	Audio	Realtek ALC892		
Power Supply	PS/2	350W ~ 1000W		

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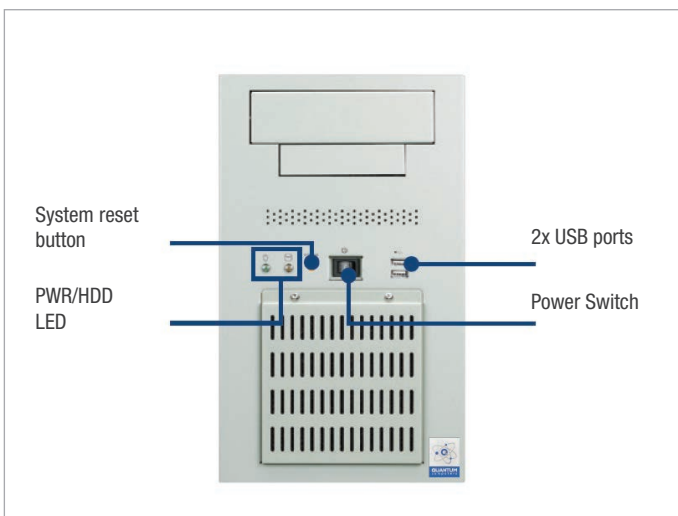
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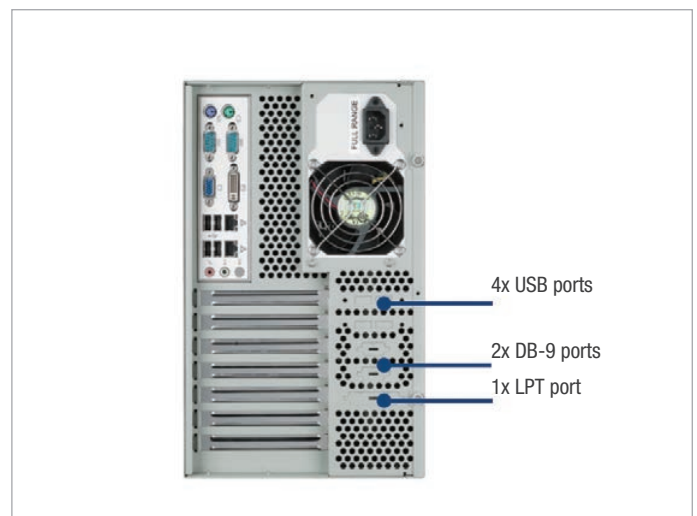
Dimension: 200 x 330 x 430 mm (7.9" x 13" x 16.9")



Inside View



Front View



Rear View

Specifications	Quantum-R4	Quantum-R6	Quantum-R7
Mechanical & Environment	Operating Temperature	0°C ~ 60°C	0°C ~ 60°C
	Storage Temperature	-20°C ~ 70°C	-20°C ~ 70°C
	Operating Humidity	10~95%@40, non-condensing	
	Shock	10g peak acceleration(duration 11ms), in operating with HDD	
	Vibration	1g 5~500Hz in operating with HDD	
	Mounting	Rackmount	
	Dimension	(W*H*D): 430x176x546mm	
EMC	CE, FCC Class A		
Operating System	Windows 7	yes	yes (no graphic driver)
	WES 7	yes	yes (no graphic driver)
	Windows 10 IoT	no	yes
	Linux	yes	yes