

QUANTUM-I

Itx Industrial PC

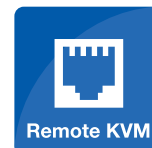
ITX solution from 4th generation



Key Feature



- 0 ~ 60° C ambient operation temperature range
- Flexible system different solutions
- Supports DC Input
- Remote KVM with intel AMT



Specifications		Quantum-I4	Quantum-I6	Quantum-I7
CPU	CPU	4th gen	6th gen / Xeon	7th gen / Xeon
	TDP max	95W	91W	91W
	Chipset	H81	Q170	Q170
	BIOS	AMI EFI 128Mbit	AMI EFI 128Mbit	AMI EFI 128Mbit
System Memory	Type	SO-DDR3 16gb max	SO-DDR4 32gb max	SO-DDR4 32gb max
	Slot	2	2	2
Storage	HDD/SSD bay 2.5"	1	1	1
	Slim DVD	1	1	1
	M.2	-	1	1
	mSATA	1 (optional)	1	1
Display e Graphics	Display	Intel HD Graphics	Intel HD Graphics	Intel HD Graphics
	VGA	1	-	-
	DVI	1	1	1
	DP	-	1	1
Rear I/O	HDMI	-	1	1
	PS/2 Keyboard/Mouse	yes	-	-
	COM port	2 (1xRS-232, 1x RS-485)	2 x RS-232	2 x RS-232
	USB 3.0	4	4	4
	RJ45	2	2	2
Front I/O	USB 2.0	2	-	-
	USB 2.0	2	2	2
Internal I/O	USB 2.0	5	4	4
	USB 3.0	-	2	2
	Serial	4 x RS-232 w/ auto flow control	-	-
	SATA 3.0	6	-	-
	Parallel	-	-	-
Network	GPIO	8 bit	8 bit	8 bit
	LAN 1	Realtek 8111F	i219LM	i219LM
	LAN 2	Realtek 8111F	i211AT	i211AT
Audio	AMT	-	11.0	11.0
	Audio	Realtek ALC887	Realtek ALC888S	Realtek ALC888S
Power Supply	DC Input	120W min		

QUANTUM-W

Itx Industrial PC



Dimension: (W*H*D): 203.2x203.2x101.6mm



Front view



Rear View

Specifications	Quantum-R4	Quantum-R6	Quantum-R7	
Meccanical & 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		
	Dimension	(W*H*D): 203.2x203.2x101.6mm		
Operating System	EMC	CE, FCC Class A		
	Windows 7	yes	yes	yes (no graphic driver)
	WES 7	yes	yes	yes (no graphic driver)
	Windows 10 IoT	no	yes	yes
Linux	yes	yes	yes	