

## RACKMOUNT

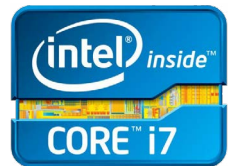
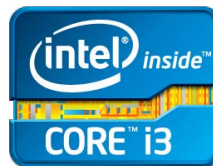
## CorSys Q87AX4-21 4U



Configuration CorSys Q87AX4-21 4U-a

The 4U server can allow you to take full advantage of the extensive expansions slots found on our motherboards. A 4U workstation sized rackmount enclosure can be configured

in a variety of different ways depending on your project's storage requirements. This system makes use of our powerful Q87AX motherboard, powered by the Intel® i7™ family of processors. This gives you plenty of horsepower, storage, and expandability to tackle almost any task. From high end imaging applications, to machine control or simulation systems, this design gives you the features you need to get the job done. Keeping things cool are (2) rear 80mm fans, and (1) large 120mm front-mounted fan to keep air circulating effectively through the system.



## PRODUCT HIGHLIGHTS

- 4U Rackmount Chassis
- Embedded Haswell 4th Gen
- Four (4) DIMM sockets; Max Memory 32GB DDR3
- Six (6) powered SATA III connectors
- Four (4) external USB 2.0 ports on rear panel , Two (2) external USB 3.0 ports on rear panel, Two (2) internal USB 3.0 on 20-pin header, Four (4) internal USB 2.0 ports on 10-pin headers, Six (6) powered SATA III
- Wide Range of Custom Configurations
- Q87 Chipset Platform
- Operating Temperature: 0°C ~ 40°C
- 7 to Ten 10 Year Guaranteed Production



# CorSys Q87AX4-21 4U

Industrial Racmount



CorSys Q87AX4-21 4U-a



CorSys Q87AX4-21 4U-b

## TECHNICAL SPECIFICATIONS

Motherboard	Corvalent - Q87AX	Video Graphics	3 x independent display streams via 1x DVI, 1x VGA and 1x DisplayPort on rear panel; Max. resolution up to 3840 x 2160	Cooling Units	Power supply 2 x 80mm rear-mount fans, 1 x 120mm front-mount fan
Microprocessor	4th Gen Haswell CPUs: i7 2.3-3.9 GHz/quad i5 2-3.6 Ghz quad i3 2.6-3.5Ghz/dual	Ethernet	2 x RJ45, Gigabit Ethernet ports (Intel i217LM & 82574L)	Operating Temp.	0 ~ 70°C
Drive Bays		Audio	Realtek ALC886 HD Audio CODEC, Mic. in, Stereo Line Out and Line In jacks on I/O back-panel 10-pin HD Audio header.	Non-Operating	-40° ~ 80°C
26-A	6 x hot swap 3.5", 1 x 5.25", 1 x Slim Optical/3.5" bay	Industrial Devices	Hardware temperature monitor CPU temperature monitor, Watch Dog Timer GPIO Post Display	Part Number	
26-B	4 x 5.25", 2 x 3.5" (may be configured for 6 x 3.5" hot swap and 4 x 2.5" hot swap)	BIOS	AMI® EFI 64Mbit SPI Flash ROM		
System Bus	1 x PCIe x16 (Gen. 3.0), 1 x PCIe x4 slot (Gen. 3.0), 1 x PCIe x1 slot (Gen. 3.0), 4 x PCI slots, 1 x MiniPCIe slot with mSATA support				
Memory	DDR3 (1066/1333/1600 MHz) Dual channel 32GB max unbuffered non-ECC				

## LONG LIFE VGA OPTIONS

Video Cards	<a href="#">NVIDIA K620</a> <a href="#">NVIDIA K2200</a> <a href="#">NVIDIA K4200</a>
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