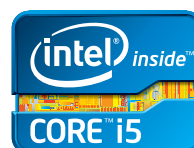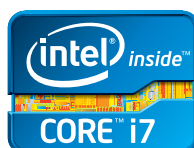# INDUSTRIAL
RACKMOUNT
Q87AX4-26 4U

Here is a great 4U server that can allow you to take full advantage of the extensive expansions slots found on Corvalent motherboards. This system makes use of our powerful Q87AX motherboard, powered by the Intel® i7™ family of processors. This system 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.
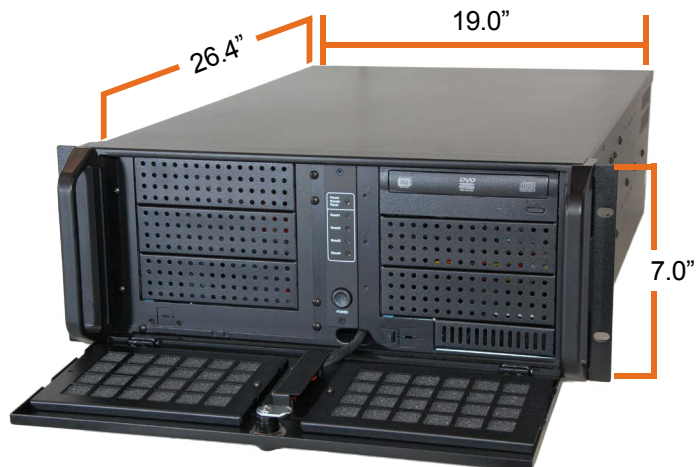

PRODUCT HIGHLIGHTS

- 4U Rack Mount Chassis
- Embedded Haswell 4th Gen
- Four (4) DIMM sockets; Max memory 32GB DDR3
- Six (6) powered SATA III connectors
- Huge range of expansion options

- 4 x DIMM sockets; Max memory 32GB DDR3
- Up to twelve (12) USB ports
- Operating Temperature: 0°C to 40°C
- 7 to Ten 10 Year Guaranteed Production

ISO 9001:2008 CERTIFIED
SARA Registrar

RoHS COMPLIANT

CORVALENT
LONGEVITY BY DESIGN

CorSys Q87AX4-2I 4U

Industrial Racmount

19.0"

26.4"

7.0"

TECHNICAL SPECIFICATIONS

System

Microprocessor	i7-4790S
	i5-4590T
	i5-4590S
	i3-4350T
	i3-4360
	i3-4340TE
	i7-4770S
	i7-4770TE
	i5-4570S
	i5-4570TE
	i3-4330TE
	i3-4330
	Xeon E3-1225
	Xeon E3-1268L
	Xeon E3-1275
Chipset	Intel® Q87
Motherboard	Q87AX
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
System Memory	DDR3 (1066/1333/1600 MHz) Dual channel, 32GB max unbuffered, non-ECC
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.

Onboard I/O	4 x external USB 2.0 ports on rear panel
	2 x external USB 3.0 ports on rear panel
	2 x internal USB 3.0 on 20-pin header
	4 x internal USB 2.0 ports on 10-pin headers
	6 x powered SATA III 6Gb/s ports supporting Intel Matrix Storage RAID
Onboard Video	3 x independent display streams via 1x DVI, 1x VGA and 1x DisplayPort on rear panel; Max. resolution up to 3840 x 2160
Ethernet	2 x RJ45, Gigabit Ethernet ports (Intel i217LM & 82574L)Industrial Devices Hardware temperature monitor
	CPU temperature monitor
	Watch Dog Timer
	GPIO
	Post Display
BIOS	AMI® EFI 64Mbit SPI Flash ROM

Enclosure

Form Factor	177.8mm x 482.6mm x 670.6mm (7.0"H x 19"W x 26.4"D)
Drive Bays	1 x external 3.5" bay
	6 x 5.25" bays,
	1 x internal 3.5"
optional:	2 x 3.5".
	The 5.25" bays may be confi gured for 8 x 3.5" hot swap drives 1 x optical or 10 x 3.5" hot swap drives, with no optical
Cooling Units	Power supply, + four (4) 92mm center-mounted fans
Temperature	
Operating Temperature	0°C to 70°C
Non-Operating	-40°C to 80°C
Humidity	
non-condensing	5% to 95% @ 40°C
Part Number	Q87AX4-26

LONG LIFE VGA OPTIONS

Video Cards	NVIDIA K620
	NVIDIA K2200
	NVIDIA K4200

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