INDUSTRIAL RACKMOUNT
CorSys QM77IX2-14 2U

Ideal for shallow racks found in vehicles or wall mount applications, this 2U Server compact system packs a lot of power into a very small area. Only 14.1" deep, this 2U sized rackmount enclosure can hold a full size optical drive, and either (3) 3.5" drives, or (6) 2.5" drives. Now you can easily setup full RAID 1 + RAID 10 arrays for full OS and file storage redundancy with no additional hardware, all in an ultra-compact housing. The QM77IX motherboard also supports dual video outputs driving multiple displays simultaneously, as well as dual gigabit Ethernet ports, providing a level of versatility rarely found in such compact systems. For processing power, choose between the powerful i7, i5, i3.

intel inside™ CORE™ i3   intel inside™ CORE™ i5   intel inside™ CORE™ i7

PRODUCT HIGHLIGHTS

- Supports Intel 3rd generation i7, i5 and i3 CPUs
- Intel QM77 Express Chipset
- Multi-display support via VGA, HDMI, LVDS and DisplayPort
- One (1) Full-size mini-PCIe & mSATA slot (shared)

- One (1) Half-size mini-PCIe slot
- Ten (10) USB ports
- Four (4) SATA II connectors
- Two (2) SATA III connectors
- Two (2) SO-DIMM sockets; Max memory 16 GB DDR3

- Two (2) Gigabit Ethernet
- Seven (7) to Ten (10) Year Guaranteed Production

intel Intelligent Systems Alliance   ISO 9001:2008 CERTIFIED   RoHS COMPLIANT

CORVALENT
LONGEVITY BY DESIGN

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Industrial Racmount

TECHNICAL SPECIFICATIONS

Chipset	Intel® QM77 Express
Microprocessor	Intel® i7 2.3/3.3 GHz/quad
	Intel® i5 2.7/3.3 GHz/dual
	Intel® i5 2.5/3.1 GHz/dual
	Intel® i3 2.4 GHz/dual
Memory	DDR3 SO-DIMM (1066/1333/1600 MHz) Dual channel, unbuffered, 2 x slots, (16 GB maximum)
I/O	2 x USB 3.0 ports on rear panel, 2 x USB 2.0 ports on rear panel, 1 x USB 3.0 header (supports 2 x USB 3.0 ports on 20-pin headers, 2 x USB 2.0 headers (supports 4 x USB 2.0 ports on 10-pin headers), 2 x SATA III ports (6 Gb/s supporting RAID 0/1 and JBOD), 4 x SATA II ports (3 Gb/s supporting RAID 0/1/5/10

and JBOD), 3 x COM port headers, 1 x COM port connector on rear panel, 1 x HDMI_SPDIF header, 1 x GPIO header, 1 x TX-RXCOM header, 1 x CIR header, 1 x SM_BUS header, 1 x NICLED header, 1 x Speaker header, 1 x PWRLED header, 1 x Front panel header

Video Graphics	Simultaneous multi-display support via VGA, HDMI, DisplayPort, and LVDS output, Maximum resolution 2048 x 1536
Ethernet	1 x Intel 82574L Gigabit Ethernet, 1 x Intel 82579LM Gigabit Ethernet
Audio	6-Channel audio via, 3 x jacks on I/O back-panel (Realtek ALC662 Audio

CODEC), 1 x front panel audio header

Industrial Devices	Hardware temperature monitor
	CPU temperature monitor
	Watch Dog Timer
	GPIO
	Post Display
BIOS	AMI® UEFI 64 Mb Flash ROM
Cooling Units	3 x internal fans.
Operating Temp.	0 ~ 70°C
Non-Operating	-20° ~ 85°C
Part Number	

LONG LIFE VGA OPTIONS

Video Cards	NVIDIA K620
	NVIDIA K2200
	NVIDIA K4200

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