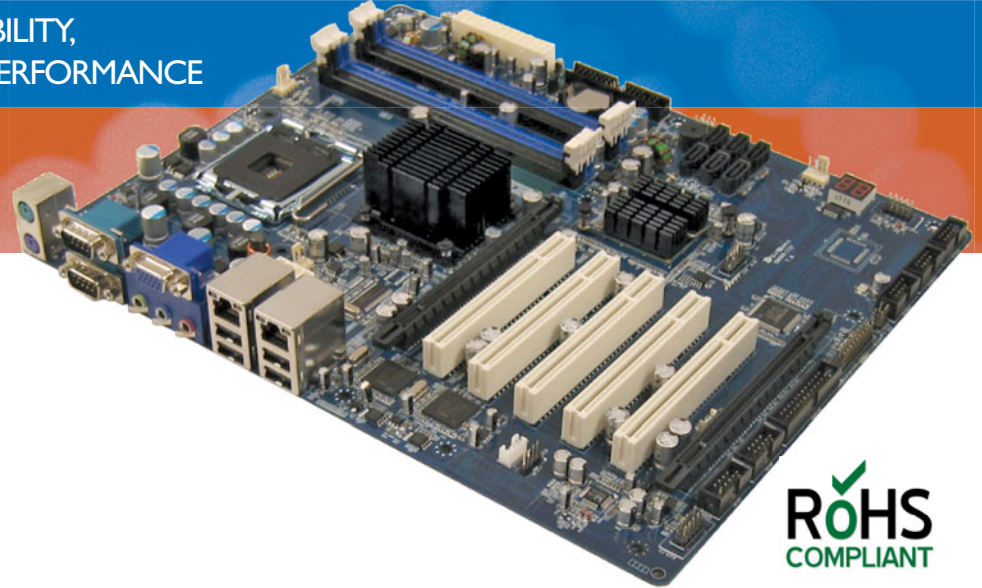


965ATX™

LONG-LIFE MOTHERBOARD FEATURING MULTI CORE PROCESSING

DELIVERING BEST-IN-CLASS SCALABILITY,
OFFERING LONG LIFE AND HIGH PERFORMANCE



PRODUCT HIGHLIGHTS

- Intel® Core™ 2 Duo E6400, Intel Core 2 Duo E4300, Intel® Pentium® 4 and Intel Celeron® D 440 embedded processors
- Intel Q965 Express chipset
- 1066/800/533 MHz Front Side Bus
- Six (6) SATA2 (300MB/s) RAID
- Seven (7) to Ten (10) Year Guaranteed Production

The 965ATX™

is a long-life industrial motherboard with multi-core processor technology and PCI Express. Powered by the Intel® Q965 Express chipset, the 965ATX motherboard was designed specifically for performance intensive embedded applications such as Medical, Security, Imaging, Industrial Automation, and Manufacturing.

APPLICATIONS

- Medical
- Security
- Imaging
- Industrial Automation
- Manufacturing

The 965ATX motherboard delivers outstanding performance through high-bandwidth interfaces PCI Express, Serial ATA, and Hi-Speed USB 2.0 connectivity.

Powerful processing, graphics expansion, and multiple PCI slots make this an ideal board for medical imaging, and other processor graphics intensive industrial applications.

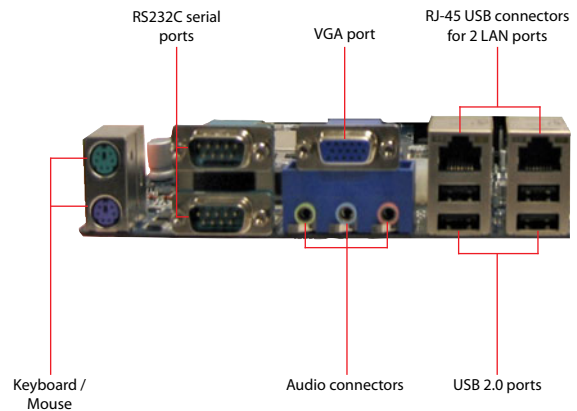
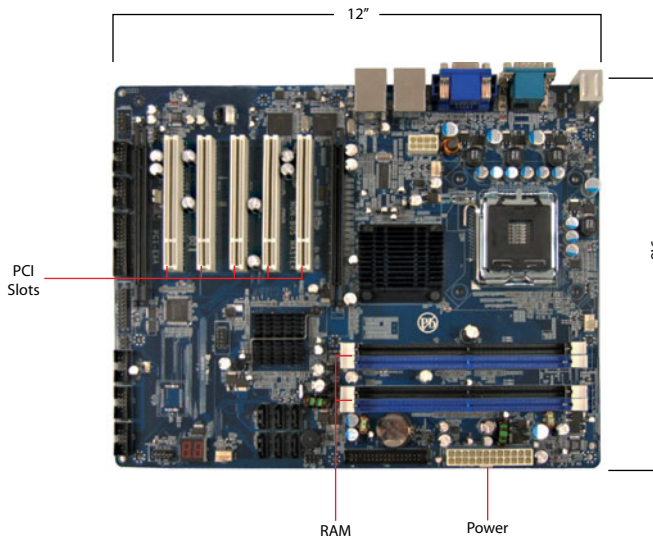


Additionally, the 965ATX supports dual-channel DDR2 800 MHz memory technology with up to 12.8 GB/s of peak memory bandwidth, onboard Intel Graphics Media Accelerator (GMA) 3000, and Intel Fast Memory Access.

OUR COMMITMENT TO QUALITY

All Corvalent products are designed and manufactured in an ISO 9001:2008 environment and backed by a seven (7) to ten (10) year production life cycle guarantee.





TECHNICAL SPECIFICATIONS

Form Factor	ATX	Ethernet	Two (2) onboard Intel 82573L PCI Express-based GbE Ethernet ports
Dimensions	9.6" x 12"	Audio	Intel HD Audio, 3-Jack Audio, Surround sound header, SPDIF output header
Microprocessor	Embedded Intel® Pentium® 4 Processor (LGA 775) Intel Celeron® D 440 Processor Intel Core™ 2 Duo E6400 Processor Intel Core 2 Duo E4300 Processor For additional supported processors, please contact us.	Industrial Devices	Hardware monitoring including fan, CPU temperature and voltages, POST display
Chipset	Intel Q965 Express + ICH8DO	BIOS	AMI®
Front Side Bus	1066/800/533MHz	Battery	Removable lithium battery for CMOS memory
Memory	8GB DDR2 533/667/800MHz	Operating Temp	0°C to 55°C
System Bus	One (1) PCI Express x16 dedicated graphics slot One (1) PCI Express x4 slot in a x16 connector Five (5) 32-bit PCI slots (4 full bus master)	Non-Operating	-40°C to 70°C
Onboard I/O	Six (6) SATA2 connectors (300MB/s supports RAID 0/1/5/10) Ten (10) USB 2.0 ports, four (4) connectors, six (6) USB headers Four (4) RS232C serial ports, two (2) connectors, two (2) headers, one (1) factory configurable to RS422 Infrared support on COM2 through header One (1) ECP/EPP parallel port header One (1) PS/2 mouse/keyboard connector One (1) floppy connector (supports two drives) One (1) Trusted Platform Module (TPM) header ATX2.2 - 24-pin, 8-pin ATX12V power socket	Op. Humidity	5 to 95% @ 40°C non-condensing
Video Graphics	Intel Graphics Media Accelerator 3000 (Maximum resolution 2048 x 1536 @ 75Hz) Single DBI5 connector	Non-Operating	5 to 95% @ 40°C non-condensing
		Part Number	P65AX



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