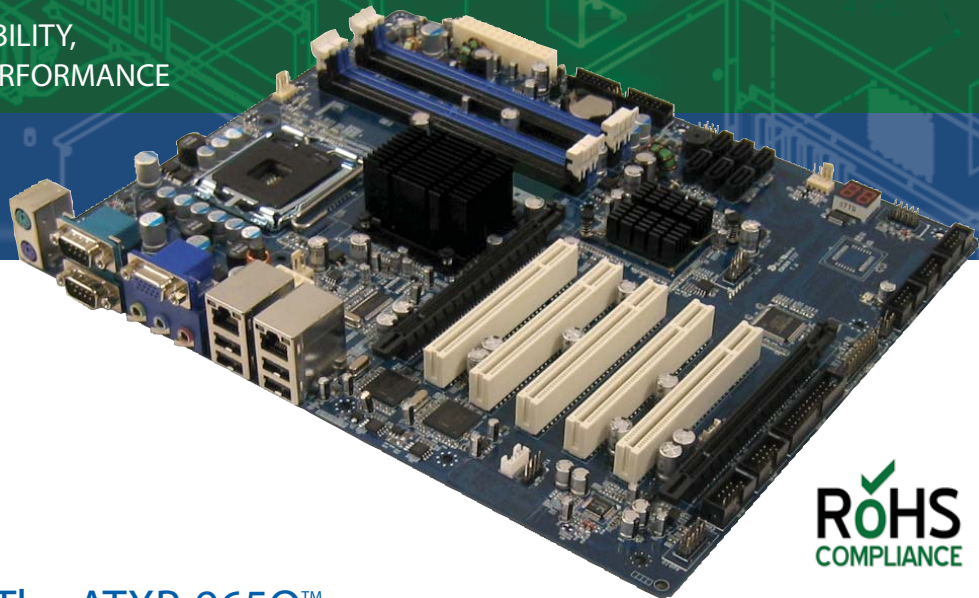


ATXP-965Q

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
- Five (5) To Eight (8) Year Guaranteed Production

The ATXP-965Q™

is a long-life industrial motherboard with multi-core processor technology and PCI Express. Powered by the Intel® Q965 Express chipset, the ATXP-965Q 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
- Simulation

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

Additionally, the ATXP-965Q 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.

The ATXP-965Q is custom-designed to meet a diverse range of embedded computing requirements across a wide spectrum of device categories, including medical, networking, security, and factory automation, serving vertical market segments ranging from the pharmaceutical and semiconductor industries to printing, test and measurement, textile manufacturing and industrial robotics.

OUR COMMITMENT TO QUALITY

All Chassis Plans Long Life products are designed and manufactured in an ISO 9001:2000 environment and backed by a five (5) to eight (8) year production life cycle guarantee.

CONFIGURED SYSTEMS

Chassis Plans is a recognized leader in turn-key integrated industrial computing solutions. Systems are built exactly to each customer's unique application and environmental requirements. Our broad product line of COTS industrial chassis and unsurpassed custom design capabilities allows us to provide the ideal enclosure. Long Life Products and strict revision control on all components means you get the same system with every order. Chassis Plans Systems are Engineered to Perform.



The Original Industrial Computer Source

ATXP-965Q

LONG-LIFE ATX MOTHERBOARD FEATURING MULTI CORE PROCESSING

TECHNICAL SPECIFICATIONS

Form Factor	ATX (9.6" x 12")
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 Commercial For additional supported processors, please contact us.
Chipset	Intel® Q965 Express + ICH8DO
Front Side Bus	1066/800/533MHz
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)
On board 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
Video Graphics	Intel® Graphics Media Accelerator 3000 (Maximum resolution 2048 x 1536 @ 75Hz) Single DB15 connector
Memory	8GB DDR2 533/667/800MHz
Ethernet	Two (2) onboard Intel® 82573L PCI Express-based GbE Ethernet ports
Sound	Intel® HD Audio, 3-Jack Audio, Surround sound header, SPDIF output header
Industrial Devices	Hardware monitoring including fan, CPU temperature and voltages POST display
BIOS	AMI®
Battery	Removable lithium battery for CMOS memory
Power Connector	ATX2.2 - 24-pin (20-pin), 8-pin (4-pin) ATX12V power connector



Environmental Specifications

CATEGORY	OPERATING	NON-OPERATING
Temperature	0°C to 55°C	-40°C to 70°C
Humidity	5% to 95% @ 40°C non-condensing	5% to 95% @ 40°C non-condensing



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