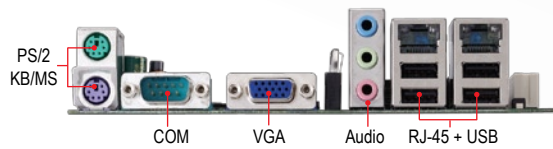


Features

- Mini-ITX Industrial Motherboard
- Supports Intel® Core™2 Duo and Pentium® 4 processors in LGA775 package
- Integrated graphics controller, supports dual-independent display
- Support dual 10/100/1000 Mbps Ethernet
- High Definition Audio codec
- Onboard CompactFlash® socket



Specifications

Processor & System

CPU	Processor
	Intel® Core™2 Duo E7400, 2.8 GHz, 1066MHz FSB, 3MB L2 Cache, 45nm, 65W TDP, LGA775
	Intel® Pentium® E6500, 2.93 GHz, 1066MHz FSB, 2MB L2 Cache, 45nm, 65W TDP, LGA775 (2C)
	Intel® Core™2 Duo E6400, 2.13 GHz, 1066MHz FSB, 2MB L2 Cache, 65nm, 65W TDP, LGA775
	Intel® Pentium® E5300, 2.6 GHz, 800MHz FSB, 2MB L2 Cache, 45nm, 65W TDP, LGA775 (2C)
	Intel® Core™2 Duo E4300, 1.8 GHz, 800MHz FSB, 2MB L2 Cache, 65nm, 65W TDP, LGA775
	Intel® Celeron® E3400, 2.6 GHz, 800MHz FSB, 1MB L2 Cache, 45nm, 65W TDP, LGA775 (2C)
	Intel® Pentium® E2160, 1.8 GHz, 800MHz FSB, 1MB L2 Cache, 65nm, 65W TDP, LGA775 (2C)
	Intel® Celeron® E1500, 2.2 GHz, 800MHz FSB, 512KB L2 Cache, 65nm, 65W TDP, LGA775 (2C)
	Intel® Celeron® 440, 2.0 GHz, 800MHz FSB, 512KB L2 Cache, 65nm, 35W TDP, LGA775 (1C)
	Intel® Pentium® 4 651, 3.4 GHz, 800MHz FSB, 2MB L2 Cache, 65nm, 95W TDP, LGA775 (1C)
	Intel® Celeron® D 352, 3.2 GHz, 533MHz FSB, 512KB L2 Cache, 65nm, 95W TDP, LGA775 (1C)

Chipset	Intel® Q965 + ICH8 Express® Chipset
Memory	2 x 240-pin DIMM sockets Supports up to DDR2-800 SDRAM, up to 4 GB
BIOS	AMI BIOS®/ Flash ROM 16 Mb
Watchdog Timer	1-255 sec./min. software programmable
Hardware Monitor	CPU/System temperature, fan speed and onboard DC voltages
Operating Systems	Windows® XP, Vista Fedora™ 8

I/O Interfaces

IDE (PATA)	1x UltraATA 66/100/133
CompactFlash®	1x CompactFlash® type II socket
Serial ATA	2x SATA 3 Gb/s ports
Expansion Slots	1x PCI™ slot
USB	8x USB 2.0 ports, 4x external and 4x internal ports
KB/MS	2x PS/2 for keyboard/mouse
Serial Port	2x RS-232 (1x external, 1x internal)

Audio

Audio Codec	Realtek ALC262 HD codec
Interface	Support HDA Mic-in/Line-in/Line-out

Display

Graphics	Integrated in Intel® Q965 GMCH
VRAM	Shared with system memory up to 256 MB
CRT	External Dsub-15 connector, resolution up to 2048 x 1536 @ 75 Hz
LVDS	Single channel 24-bit LVDS

Ethernet

Controller	Intel® 82566DM, Marvell 88E8056
Interface	PCIe® bus x1
Wake On LAN	Yes

Mechanical and Environmental

Form Factor	Mini-ITX
Dimensions	170 mm x 170 mm (L x W)
Operating Temp.	0°C to 55°C
Storage Temp.	-20°C to 80°C
Certifications	CE, FCC Class A
Relative Humidity	10% to 90%, non-condensing

Ordering Information

Model Number	Description/Configuration
MI-960	Mini-ITX Core™2 Duo Industrial Motherboard, Q965/ICH8, Dual-GbE, SATA, IDE, LCD, Audio, & CF

Optional Accessories

Model Number	Description/Configuration
LGA775 1U CPU Cooler	LGA775 1U Thermal Module
LGA775 3U CPU Cooler	LGA775 3U Thermal Module
Backplate	Backplate for 3U CPU cooler

Packing List

MI-960	2x SATA data cables
MI-960 I/O shield	1x Dual-plug SATA power cable
1x UltraATA 100 IDE cable	Driver DVD
1x USB 2.0 cable with bracket	User's manual
1x COM port cable	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ADLINK Technology:](#)

[MI-960](#)