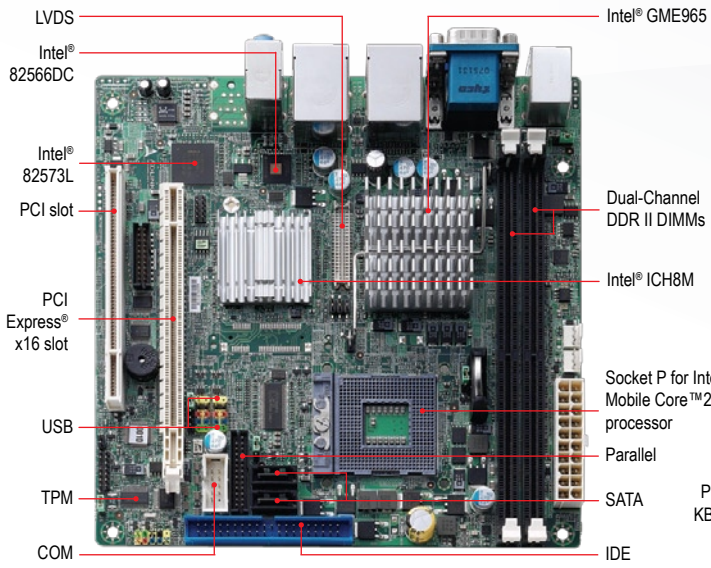
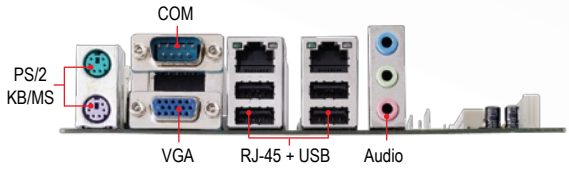
MI-965

Mini-ITX Embedded Motherboard with Intel® GME965 Chipset, VGA, SATA, IDE, Dual-GbE, LCD, Audio, & CF





Features

- Mini-ITX form factor
- Supports Intel® Core™2 Duo Mobile, Celeron® M processors - Socket P
- Integrated graphics controller, support dual independent display
- Supports PCIe® x16, PCI™
- Onboard CompactFlash socket
- RoHS compliant

Specifications

Processor & System

CPU	Intel® Core™2 Duo Mobile T7500, 2.2 GHz, FSB 800MHz, 4MB L2 Cache, 65nm, 35W TDP
	Mobile Intel® Celeron® M 550, 2 GHz, FSB 533MHz, 1MB L2 Cache, 65nm, 27W TDP
Chipset	Intel® GME965 + ICH8M Express Chipset
Memory	2x 240-pin DIMM sockets
	Supports DDR2-533/667 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™ 7

I/O Interfaces

IDE (PATA)	1x 40-pin ATA-66/100 IDE port
CompactFlash®	1x type-II socket, shared with IDE port
Serial ATA	2x SATA 3 Gb/s ports
Expansion Slots	1x PCI Express® x16 slot
	1x PCI™ slot
USB	8x USB 2.0 ports, 4x external and 4x internal ports
KB/MS	2x Mini-DIN for PS/2 keyboard/mouse
Parallel Port	1x LPT
Serial Port	2x RS-232 ports

Audio

Audio Codec	Realtek ALC888 HD codec
Interface	Support HDA Mic-in/Line-in/Line-out

Display

Graphics	GMA X3100 integrated in GME965 GMCH
VRAM	Shared with system memory up to 384 MB
CRT	External Dsub-15 connector, resolution up to 2048 x 1536 @ 60 Hz
LVDS	Dual channel 24-bit LVDS

Ethernet

Controller	Intel® 82573L and 82566DC
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-965	Mini-ITX Mobile Core™2 Duo Industrial Motherboard, GME965/ICH8M, Dual-GbE, SATA, IDE, LCD, Audio, CF

Optional Accessories

Model Number	Description/Configuration
Socket-M 1U CPU Cooler	1U CPU cooler with backplate

Packing List

MI-965	2x SATA data cables
MI-965 I/O shield	2x SATA power cables
1x UltraATA 100 IDE cable	Driver CD
1x COM+Parallel port cables with bracket	User's manual

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