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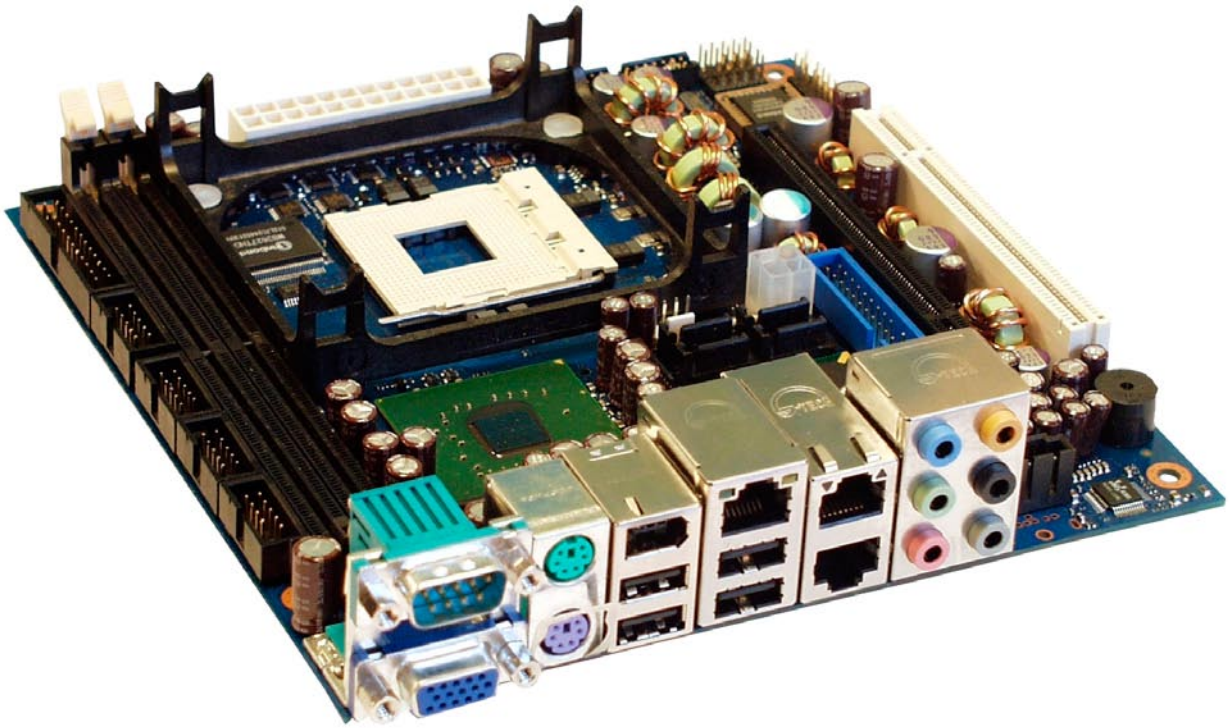
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986LCD-M/mITX

Intel® Core™ 2 Duo, Intel® Core™ Duo & Intel® Core™ Solo Embedded Mini-ITX with 3x GbE LAN



powered by Intel® Core™ Solo Processor

powered by Embedded Dual Core Processor

RoHS compliant 2002/95/EC

intel Communications Alliance Premier

MEMBER OF THE YEAR 2006

- Intel® Core™ 2 Duo, Intel® Core™ Duo and Intel® Core™ Solo Processors
- Long-term availability
- Intel® 945GM + Intel® ICH7R Embedded Chipset
- Intel® GMA950 Controller with PCI-Express 16x/SDVO interface
- Flat Panel Display Support, incl. dual independent display
- Up to 3x 10/100/1000 Mbps Ethernet
- HD Audio / AC97 Compliant Audio Output
- 2x IEEE1394, 8x USB2.0, 4x Serial port and 1x PCI slot

Technical Data

Processor	Intel® Core™ 2 Duo, Intel® Pentium® Core™ Duo and Intel® Core™ Solo Processors (mPGA478) Prepared for mBGA479 up to 2.33 GHz
Chipset	Intel® 945GM and Intel® ICH7R Embedded Chipset Front Side Bus 533 / 667 MHz
BIOS	AMI®
Power Management	ACPI 2.0 and APM 1.2
Bus	1x PCI connector 1x mini PCI-Express 1x 16x PCI Express / SDVO connector for external graphic card and ADD2 card
DRAM	2x DDR2 socket (240pins DIMM) up to 3 GByte
Graphics	Intel® GMA950 Controller with 2D/3D Graphics Engine Dual Pipe for dual independent displays (incl. 2x LCD) HW assisted DVD/MPEG2 Decoding
Resolution	Up to: CRT 2048x1536, LVDS 1600x1200, DVI 1600x1200 including 16x9 support
Graphic Interfaces	On board CRT, on board Dual Channel LVDS, PCI-Express x 16/SDVO, S-Video(TV) (optional) 2nd LVDS and DVI by ADD2-Cards (option)
HDD	4x Serial ATA150/300 and 1x ATA100 (2.54 mm connector)
Compact Flash	Compact Flash Type I + II
IEEE1394	2x IEEE1394 (1x Internal and 1x External)

Parallel Port	Bi-directional Centronics w. SPP, ECP or EPP mode, shared floppy drive option (internal pin connector)
Serial Port	4x RS232C serial ports with FIFO
USB	8x USB 2.0 (4x internal and 4x external)
Ethernet	Up to 3x 10/100/1000 Bbps Ethernet Controller, Realtek RTL8111B
Keyboard/Mouse	Standard PS/2 mouse and keyboard (internal connection available)
Sound	HD Audio and AC97 compliant
GPIO	8 channel GPIO
Hardware Monitoring	Temperature, fan and voltages
Monitoring API/DMI	Software interface to monitor hardware values including HDD S.M.A.R.T.
Battery	On board Lithium battery and external battery input
Operating Temp.	0-60°C
EMC/ESD compliance	Compliance with EN55022 and EN61000-4-2 (ESD)
Safety compliance	UL609501-1:2003, First edition CSA C22.2 No. 60950-1-03, First edition, April 1. 2003
Environmental compliance	RoHS and Lead-free production
Dimensions	mini-ITX, 170 mm x 170 mm (6.7" x 6.7")
Power Supply	ATX & BTX

Ordering Information

Article	Part.-No.	Description
986LCD-M/mITX	810200-4500	CoreDuo/CoreSolo Socket mPGA478, Intel® 945 GM, w. 1x PCI, 3x Gb LAN, 2x IEEE1394

ADD2-Cards for 2nd display



ADD2-DVI-Dual
Part # 820952



ADD2-LVDS-Dual
Part # 820950

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