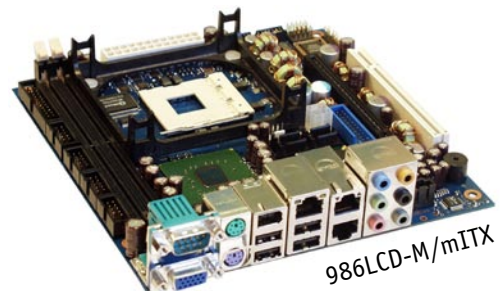
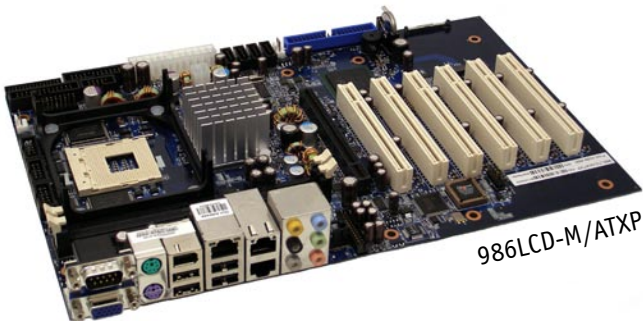


## » 986LCD-M Family «



powered by  
**Intel® Pentium® M**

Intel® 945GM + Intel® ICH7R Embedded Chipset,  
Intel® Core™2 Duo mobile processor support

- » Long-term availability
- » Intel® GMA950 Controller with PCI-Express x16/SDVO interface
- » Flat Panel Display Support, incl. dual independent display
- » Up to 3x 10/100/1000 Mbps Ethernet
- » HD Audio, Serial ATA w. Raid 0/1/5/10
- » 2x IEEE 1394, 8x USB 2.0, 4x Serial port

## Technical Information

<b>Processor</b>	Intel® Celeron® M, Intel® Core™ Solo, Intel® Core™ Duo & Intel® Core™2 Duo Processors (mPGA478); Prepared for mBGA479
<b>Chipset</b>	Intel® 945GM and Intel® ICH7R Embedded Chipset
<b>Front Side Bus</b>	Front Side Bus 533 / 667 MHz
<b>Bus</b>	Up to 6x PCI 1x PCI-Express x16 / SDVO for external graphics card or ADD2 cards 1x PCI-Express x4 in 16x slot (FLEX & ATX)
<b>DRAM</b>	2x DDR2 socket (240pins DIMM) up to 3 GByte
<b>Graphics</b>	Intel® GMA950 Controller with 2D/3D Graphics Engine Dual Pipe for dual independent displays (incl. 2x LCD) HW assisted DVD/MPEG2 Decoding
<b>Graphic Interfaces</b>	On board CRT, on board Dual Channel LVDS, PCI-Express x 16/SDVO, Optional SVideo(TV)
<b>HDD</b>	4x Serial ATA150/300 and 1x ATA100 (2.54 mm connector)
<b>Firewire</b>	2x IEEE 1394 (1x Internal and 1x External)
<b>Parallel/Serail Port</b>	Bi-directional Centronics, shared floppy drive option (internal pin connector), 4x RS232C serial ports with FIFO
<b>USB</b>	8x USB 2.0 (4x internal and 4x external)
<b>Ethernet</b>	Up to 3x 10/100/1000 Mbps Ethernet Controller, Realtek RTL8111B
<b>Keyboard/Mouse</b>	Standard PS/2 mouse and keyboard (internal connection available)
<b>Sound</b>	HD Audio compliant
<b>Hardware Monitoring</b>	Temperature, fan and voltages
<b>Monitoring API/DMI</b>	Software interface to monitor hardware values including HDD S.M.A.R.T.
<b>Battery</b>	On board Lithium battery and external battery input
<b>Power Supply</b>	ATX
<b>Operating Temp.</b>	0 - 60°C*
<b>EMC/ESD compliance</b>	Compliance with EN55022 and EN61000-4-2(ESD)
<b>Safety compliance</b>	UL609501-1: 2003, First edition CSA C22.2 No.60950-1-03 First edition, April 1. 2003
<b>Environmental compliance</b>	RoHS and Lead-free production
<b>Dimensions</b>	Mini-ITX, 170 mm x 170 mm (6.7" x 6.7") FLEX-ATX, 190.5 mm x 228.6 mm (7.5" x 9") ATX, 304.8 mm x 190.5 mm (12.0" x 7.5")

(\*) see manual for details

## Ordering Information

Article	Part.-No.	Description
986LCD-M/mITX	810200-4500	1x PCI, 3x 10/100/1000 LAN, 1x Mini PCI express, CF
986LCD-M/mITX	810204-4500	1x PCI, 3x 10/100/1000 LAN, 1x Mini PCI express
986LCD-M/mITX (BGA)	810203-4500	1x PCI, CF, 3x 10/100/1000 LAN, ULV 1.06 GHz (BGA), CF
986LCD-M/mITX (BGA)	810201-4500	1x PCI, 3x 10/100/1000 LAN, LV 1.66 GHz (BGA)
986LCD-M/FLEX	810210-4500	2x PCI, 2x 10/100/1000 LAN
986LCD-M/ATXP	810220-4500	6x PCI, 3x 10/100/1000 LAN, 1x Mini PCI express
986LCD-M/ATXE	810230-4500	5x PCI, 2x 10/100/1000 LAN

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