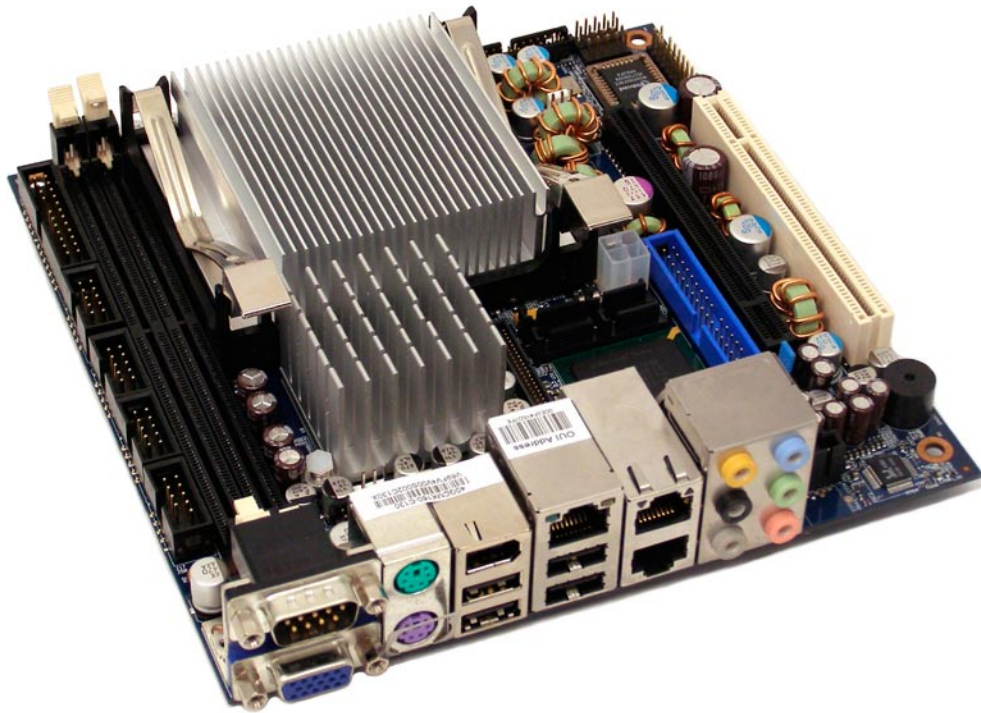


# ➤ 986LCD-M/mITX (BGA)

Intel® Celeron M 1.06 GHz ULV embedded  
Mini-ITX with 3x GbE LAN, LVDS,  
PCI-Express/SDVO, IEEE1394



powered by Intel®  
Core™ Solo Processor

powered by Embedded  
Dual Core Processor



- Onboard Ultra Low Voltage Celeron M 1.06 GHz CPU - 5 Watt only
- 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
- Serial ATA RAID 0/1/5/10

## ➤ Technical Data

<b>Processor</b>	Onboard Ultra Low Voltage Celeron M 1.06 GHz CPU - 5 Watt only Others available upon request, MOQ might apply
<b>Chipset</b>	Intel® 945GM and Intel® ICH7R Embedded Chipset Front Side Bus 533 MHz
<b>BIOS</b>	AMI®
<b>Power Management</b>	ACPI 2.0 and APM 1.2
<b>Bus</b>	1x PCI connector 1x mini PCI-Express 1x 16x PCI Express / SDVO connector for external graphic card and ADD2 card
<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>Resolution</b>	Up to: CRT 2048x1536, LVDS 1600x1200, DVI 1600x1200 including 16x9 support
<b>Graphic Interfaces</b>	On board CRT, on board Dual Channel LVDS, PCI-Express x 16/SDVO, 2nd LVDS and DVI by ADD2-Cards (option)
<b>HDD</b>	4x Serial ATA150/300 and 1x ATA100 (2.54 mm connector)
<b>Compact Flash</b>	Compact Flash Type I + II
<b>IEEE1394</b>	2x IEEE1394 (1x Internal and 1x External)

<b>Parallel Port</b>	Bi-directional Centronics w. SPP, ECP or EPP mode, shared floppy drive option (internal pin connector)
<b>Serial Port</b>	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 Bbps Ethernet Controller, Realtek RTL8111B
<b>Keyboard/Mouse</b>	Standard PS/2 mouse and keyboard (internal connection available)
<b>Sound</b>	HD Audio and AC97 compliant
<b>GPIO</b>	8 channel GPIO
<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>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")
<b>Power Supply</b>	ATX & BTX

## ➤ Ordering Information

Article	Part.-No.	Description
986LCD-M/mITX (BGA)	810203-4500	Intel® Celeron M 1.06GHz ULV, 945GM w 1x PCI, 3x Gb LAN, 2x IEEE1394

## ➤ ADD2-Cards



ADD2-DVI-Dual  
Part # 820952



ADD2-LVDS-Dual  
Part # 820950

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