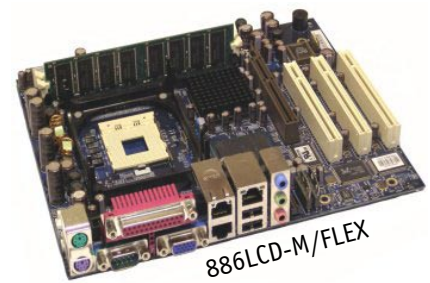
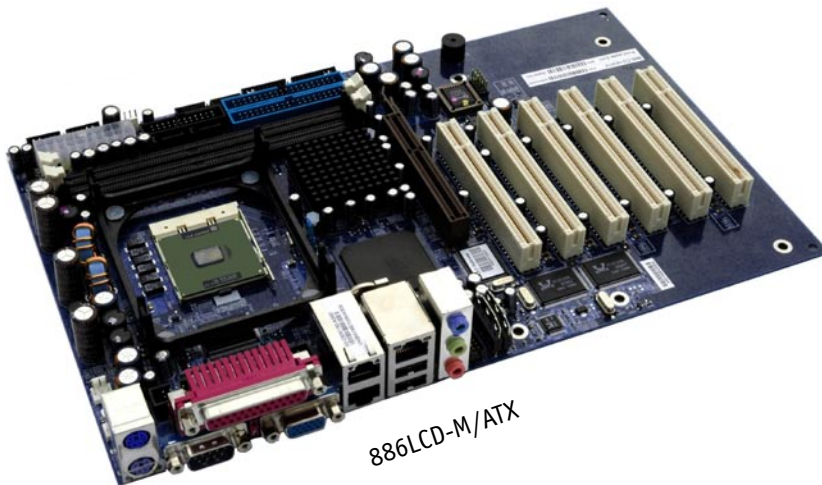


## » 886LCD-M Family «



Intel® 855GME + Intel® 6300ESB Embedded Chipset, Intel® Pentium® M Processor support

- » Long-term availability
- » Intel® Extreme Graphics 2 Controller with standard AGP/DVO interface
- » Flat Panel Display Support, incl. dual independent display
- » Up to 3x 10/100/1000 Mbps Ethernet
- » AC97/DD5.1 Compliant Amplified Audio Output
- » 2x S-ATA150 with SOFT RAID 0/1, 2x ATA100

## Technical Information

<b>Processor</b>	Intel® Pentium® M and Intel® Celeron® M Processors (mPGA478) up to 2.1 GHz Prepared for mBGA479
<b>Chipset</b>	Intel® 855GME and Intel® 6300ESB Emepdedd Chipset
<b>Front Side Bus</b>	400 MHz
<b>AGP/DVO</b>	AGP 4x connector for external graphic card and ADD DVO card
<b>SDRAM</b>	Up to 2x 184-pin SDRAM up to 2 GByte of PC2700/DDR333 SDRAM (incl. ECC)
<b>Graphics</b>	Intel® Extreme Graphics 2 Controller with 2D/3D Graphics Engine Dual Pipe for dual independent displays (incl. 2x LCD)
<b>Graphic Interfaces</b>	On board CRT, on board Dual Channel LVDS, Resolution Up to: CRT 2048x1536, LVDS 1600x1200, DVI 2048x1536
<b>HDD</b>	2x SerialATA150 and 2x ATA100 (2.54mm + 2.00mm), Floppy share with Parallel Port connector
<b>Parallel/Serial Port</b>	Bi-directional Centronics w. ECP or EPP mode, 4x RS232C NS16C550 serial ports with FIFO
<b>USB</b>	4x port USB 2.0 (2x internal and 2x external)
<b>Ethernet</b>	Up to 3x 10/100/1000 Mbps Ethernet Controller, Realtek (option)
<b>Keyboard/Mouse</b>	Standard PS/2 mouse and keyboard (internal connection available)
<b>Sound</b>	AC97/DD5.1 compliant with amplifier
<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
<b>886LCD-M/mITX</b>	810187-4500	1x PCI, 1x 10/100 LAN, 1x Memory
<b>886LCD-M/mITX</b>	810182-4500	1x PCI, CF, 3x 10/100/1000 LAN, 1x Memory
<b>886LCD-M/mITX</b>	810191-4500	1x PCI, 3x 10/100/1000 LAN, 1x Memory
<b>886LCD-M/mITX (BGA)</b>	810196-4500	1x PCI, CF, 3x 10/100 LAN, 1x Memory
<b>886LCD-M/Flex</b>	810184-4500	3x PCI, 3x 10/100 LAN, 2x Memory
<b>886LCD-M/Flex</b>	810180-4500	3x PCI, 3x 10/100/1000 LAN, 2x Memory
<b>886LCD-M/ATX</b>	810183-4500	6x PCI, 3x 10/100/1000 LAN, 2x Memory

## CORPORATE OFFICES

### Europe, Middle East & Africa

Oskar-von-Miller-Str. 1  
85386 Eching/Munich  
Germany  
Tel.: +49 (0)8165/ 77 777  
Fax: +49 (0)8165/ 77 219  
info@kontron.com

### North America

14118 Stowe Drive  
Poway, CA 92064-7147  
USA  
Tel.: +1 888 294 4558  
Fax: +1 858 677 0898  
info@us.kontron.com

### Asia Pacific

17 Building, Block #1, ABP.  
188 Southern West 4th Ring Road  
Beijing 100070, P.R.China  
Tel.: + 86 10 63751188  
Fax: + 86 10 83682438  
info@kontron.cn

