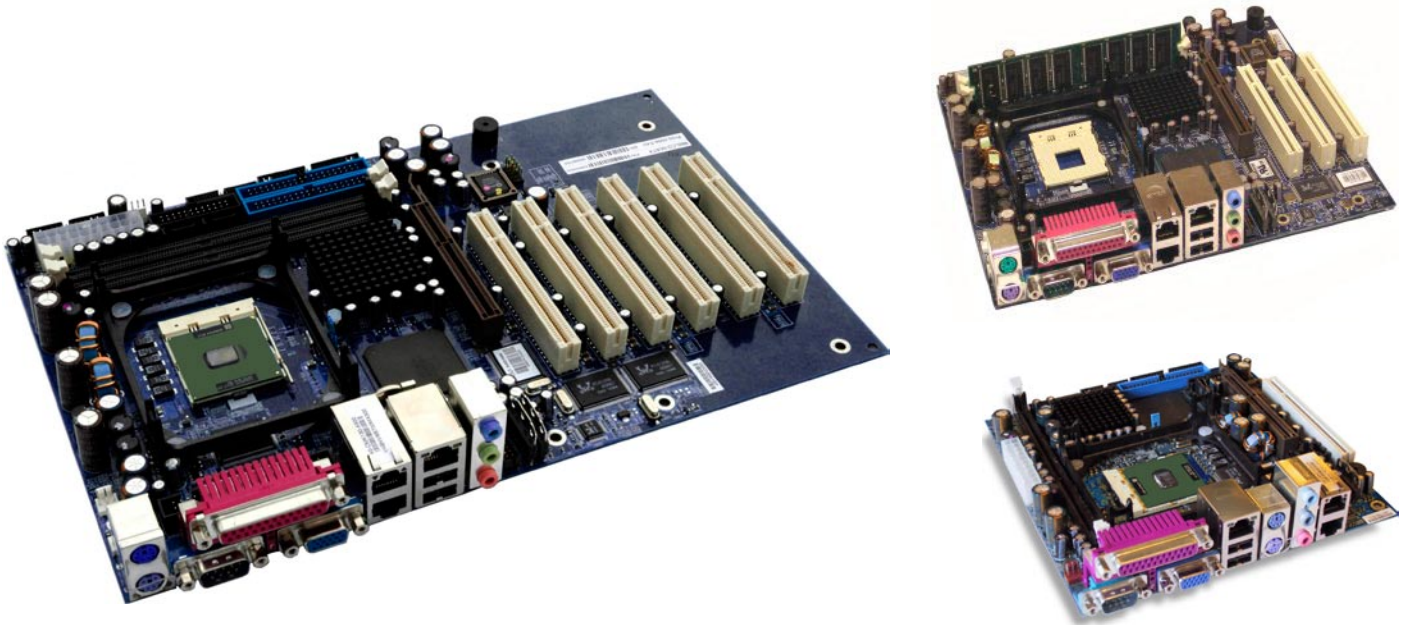


➤ 886LCD-M Family

Intel® Pentium® M & Intel® Celeron® M
Embedded mITX, Flex-ATX & ATX Motherboard
with up to 3x GbE LAN, S-ATA 4x COM, LVDS



powered by
Intel® Pentium® M

- Intel® Pentium® M & Intel® Celeron® M Processors
- Long-term availability
- Intel® 855GME + Intel® 6300ESB Embedded Chipset
- 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, 2x ATA100
- Different ATX form factor compatible
- Serial ATA SOFT RAID 0/1

► Technical Data

Processor	Intel® Pentium® M and Intel® Celeron® M Processors (mPGA478) up to 2.1 GHz Prepared for mBGA479
Chipset	Intel® 855GME and Intel® 6300ESB Empedded Chipset
Front Side Bus	400 MHz
BIOS	AMI®
Power Management	ACPI 2.0 and APM 1.2
Bus	Up to 6x PCI connector (Support PCI Bus-master)
AGP/DVO	AGP 4x connector for external graphic card and ADD DVO card
SDRAM	Up to 2x 184-pin SDRAM up to 2 GByte of PC2700/DDR333 SDRAM (incl. ECC)
Graphics	Intel® Extreme Graphics 2 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 2048x1536
Graphic Interfaces	On board CRT, on board Dual Channel LVDS, 2nd LVDS, DVI via ADD-Cards (option)
HDD	2x SerialATA150 and 2x ATA100 (2.54mm + 2.00mm)
Floppy	Share use with Parallel Port connector

Parallel Port	Bi-directional Centronics w. ECP or EPP mode
Serial Port	4x RS232C NS16C550 serial ports with FIFO
USB	4x port USB 2.0 (2x internal and 2x external)
Ethernet	Up to 3x 10/100/1000 Mbps Ethernet Controller, Realtek (option)
Keyboard/Mouse	Standard PS/2 mouse and keyboard (internal connection available)
Sound	AC97/DD5.1 compliant with amplifier
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
Power Supply	ATX
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

(*) see manual for details

► Ordering Information

	886LCD-M/mITX	886LCD-M/mITX	886LCD-M/mITX	886LCD-M/mITX (BGA)	886LCD-M/Flex	886LCD-M/Flex	886LCD-M/ATX
Part.-No.	810187-4500	810182-4500	810191-4500	810196-4500	810184-4500	810180-4500	810183-4500
PCI	1x	1x	1x	1x	3x	3x	6x
CF	No	Yes	No	Yes	No	No	No
LAN	1x 10/100	3x 10/100/1000	3x 10/100/1000	3x 10/100	3x 10/100	3x 10/100/1000	3x 10/100/1000
Memory	1x	1x	1x	1x	2x	2x	2x

► ADD-Cards for the 2nd Display



ADD-DVI-I/CRT (Low profile)
Part #820942



ADD-LVDS
Part #820935

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