

➤ 886LCD-M/mITX

Intel® Pentium® M & Intel® Celeron® M
Embedded Mini-ITX with 3x GbE LAN
S-ATA, LVDS, 4x COM, AGP/DVO



powered by
Intel® Pentium® M



Intel®
Communications
Alliance
Premier Member
GOLD

- Intel® Pentium® M and 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 and CompactFlash
- Serial ATA SOFT RAID 0/1

If it's Embedded, it's Kontron.



► Technical Data

Processor	Intel® Pentium® M and Intel® Celeron® M Processors (mPGA478) 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	1x PCI connector
AGP/DVO	AGP 4x connector for external graphic card and ADD card
SDRAM	1x 184-pin SDRAM up to 1GByte 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 1600x1200
Graphic Interfaces	On board CRT, on board Dual Channel LVDS, AGP/DVO, 2nd LVDS, DVI and TV-out via ADD-Cards (option)
HDD	2x SerialATA150 and 2x ATA100 (2.54mm + 2.00mm)
Floppy	Share use with Parallel Port connector
Compact Flash	Compact Flash Type I + II

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

(*) see manual for details

► Ordering Information

Article	Part.-No.	Description
886LCD-M/mITX	810182-4500	Socket mPGA478, Intel® 855 GME, w. 1x PCI, 3x Gb LAN

► ADD-Cards for 2nd display



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



ADD-LVDS
Part #820935

► Corporate Offices

Kontron AG
Oskar-von-Miller-Straße 1
85386 Eching/Munich
Germany

Tel.: +49 (0)8165/ 77 0
Fax: +49 (0)8165/ 77 219
sales@kontron.com

Kontron America
14118 Stowe Dr
Poway, CA 92064-7147
USA

Tel.: +1 888 294 4558
Fax: +1 858 677 0898
sales@us.kontron.com

Asia Pacific
4F, No. 415, Ti-Ding Blvd.
Sec. 2, NeiHu District
Taipei, Taiwan 114

Tel.: +886-2-2799-2789
Fax: +886-2-2799-7399
sales@kontron.com.tw

Kontron Technology A/S
Dr. Neergaards Vej 5D
2970 Hørsholm
Denmark

Tel.: +45 4576 1016
Fax: +45 4576 1017
motherboard@kontron.com