



www.ipc-markt.de

Industrial Motherboard LS 855 for Low Power Pentium M CPU's



Features

- Micro ATX Motherboard
- Low Power Technology for Power Saving Industrial Applications
- Intel Pentium M CPU's up to 2 GHz with Hyperthreading -Technology
- Intel 855 GM/E & ICH4 Chipset
- Gigabit LAN
- 3 x PCI Slot
- AGP Slot
- Long Time Availability

Specification

- **Socket 479 PGA CPU:** Intel Pentium M / Celeron M processor, 400 MHz FSB with Speed Step Technology
2 GHz with up to 2 MB Cache
- **Memory:** Two 184-pin DIMM sockets for ECC DDR SDRAM (PC1600 and PC2100)
- **Chipset:** Intel 855GM/E & ICH4
- **BIOS :** Based on Phoenix FirstBIOS™ Notebook Pro
- **Video** Integrated Intel® Extreme graphics 2 On-board LVDS flat panel support
- **LVDS :** 30-pin shielded connector for VDL/VCL Single channel 24-bit interface
7-pin backlight control connector (DBL)
- **I/O Ports:** 2 x RS232 , 1 x Parallel port, 1 x IrDA, 6 x USB2.0 ports, 1 x DB15 VGA port, 1 x PS/2 keyboard and mouse ports.
- **GPIO Interface:** Onboard programmable 13-bit Digital I/O interface.
- **LAN Interface:** Single Intel 82551ER controller for 10/100 Ethernet
IEEE 802.3 10Base-T compatible
- **Extended Interface:** 3 dedicated bus master 32-bit PCI 2.2 slots and **1 x AGP** .
- **IDE** Two Ultra ATA/100 interfaces via 40-way boxed header:
- **Floppy** Supports standard 3.5" and 3-mode floppy drives
- **Audio:** AC97 Analog Devices AD1885 CODEC for AC97 v2.1 CODEC
- **Solid State Disk:** CompactFlash Card Interface.
- **System Management** Monitoring of voltage, temperature and fans
Automatic CPU fan speed control (OS independent) Anti-tamper security
- **Watchdog** Timer SMBus connector
- **Power supply:** Standard ATX power supply.(20-pin / 24-pin compatible)
- **Approval : CE**
- **Environmental :**
 - Temperature :** 0... 55 Degree C
 - Humidity :** 5% to 95% non-condensing

Dimensions :

9.6" x 9.6" microATX compliant