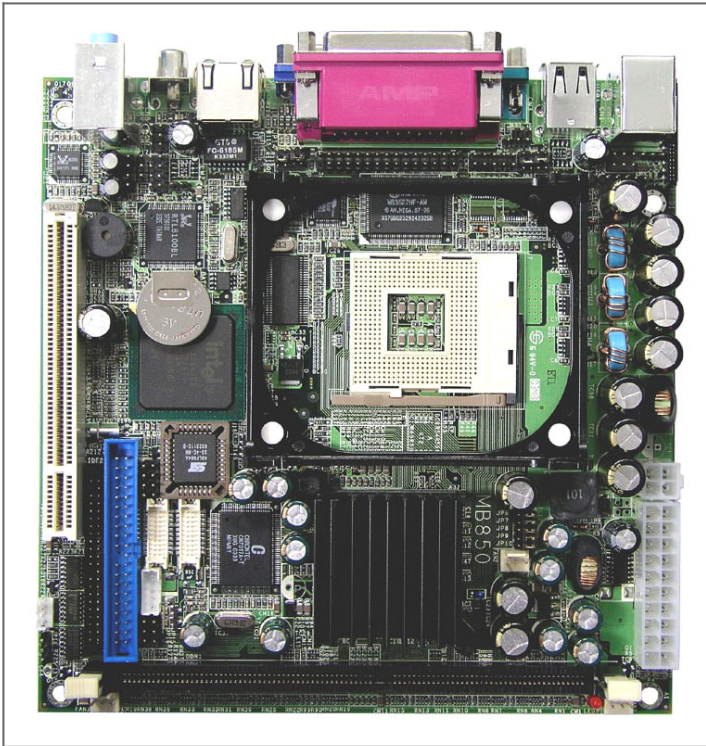




ITX-MB-850F

MB-850 Industrial Mini-ITX Motherboard



Overview - MB-850 Industrial Mini-ITX Motherboard

The MB-850 industrial mini-ITX motherboard is a Socket 478 board using the Intel 845GV chipset. Compatible with Pentium 4 and Celeron processors, this motherboard is composed of high quality components intended for long-life operation. Integrated graphics are implemented via the Intel 82845GV controller. Because of the PCI slot, multiple COM ports, and parallel port, this industrial board may be a perfect fit for your legacy hardware requirements.

Rear Panel Serial, VGA, LPT, COM, and LAN

This industrial mini-ITX motherboard offers a lot of functionality right off the rear panel, which allows the few slots available in a smaller form factor chassis to be used for your hardware. As a result there are 2 USB 2.0 ports, a serial and parallel port, VGA, ethernet LAN, keyboard/mouse, and audio connectors on the rear panel. In addition, if you require more there are 2 additional USB 2.0 header, and 3 more serial headers to expand. Lastly, the MB-850 has 2 IDE interfaces and supports up to 2 floppy disk drives.

- Socket 478 for Pentium IV
- Intel 845GV Chipset
- 400/533 MHz FSB
- 1-DDR DIMM socket up to 1 GB

- Integrated VGA
- Integrated LAN
- Up to 4-USB ports, 4-serial ports, 1-PCI slot

Technical Specifications

CPU Socket Type	Socket 478
Chipset	Intel 845GV
Channel Supported	Single Channel
CPU Type	Pentium 4 / Pentium 4M
Number of Memory Slots	1x184pin
Memory Standard	333 / 266 / 200 DDR (non-ECC)
Maximum Memory Supported	1GB
PCI	1
IDE	2 (1x 40pin box header, 1x 44pin header)
FDD	2
Graphic Controller	Intel Extreme Graphics
VGA	1
Audio Controller	Realtek ALC650 Audio Codec
Ethernet Controller	Realtek 8100BL FE LAN
PS/2	1x Keyboard, 1x Mouse
USB 2.0	2x rear, 2x internal
Serial	4x COM (COM1 rear, COM2-4 internal)
Serial Types	RS-232 0V/5V/12V
Parallel	1
Watchdog Timer	256-level
Super I/O Controller	Winbond 83627HF
GPIO	8-bits (4x GPI, 4x GPO)
IrDA	1
Power Supply	ATX 20-pin, 12V 4-pin
Operating Temperature	0-60 C
Operating Humidity	10-90% non-condensing
Storage Temperature	-20-80 C
Storage Humidity	10-90% non-condensing