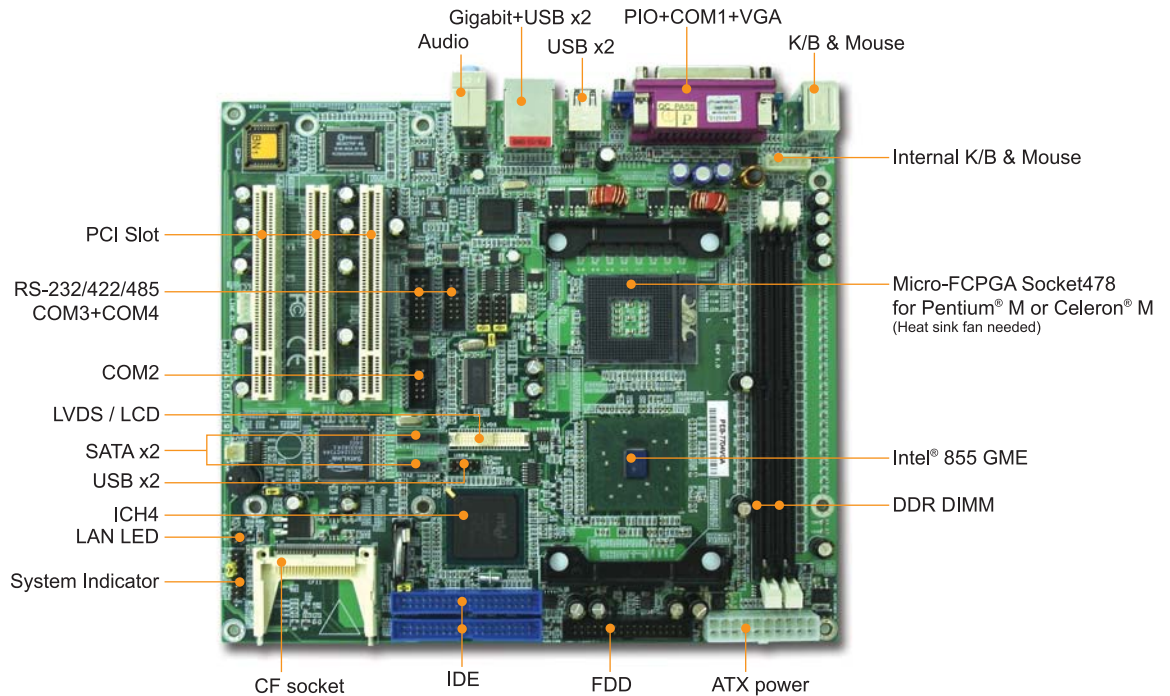


PEB-7704VGA

Micro ATX Embedded board based on Intel® Pentium® M or Celeron® M processor with VGA / Panel / Gigabit LAN/ Audio / 4COM / SATA



FEATURES

- Micro-FCPGA socket 478 for Intel® Pentium® M or Celeron® M processor, 400/533 FSB
- Intel® 855 GME and ICH4 embedded chipset
- Support 3 PCI slots and 6 USB2.0 ports for favorable application.
- Intel® 82541GI Gigabit LAN for 10/100/1000 Base-TX Fast Ethernet
- Dual independent display support LVDS and VGA
- Support 2 Serial ATA function
- Micro ATX form factor (244×244 mm) industrial motherboard.

ORDERING GUIDE

Standard	PEB-7704VGA Micro ATX Embedded board for Pentium® M processor with Gigabit LAN / Audio / SATA / CF / LCD / VGA
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SPECIFICATION

CPU	- Intel® Pentium® M processor up to 1.8GHz - FSB : 400/533 MHz
Chipset	Intel® 855GME and ICH4 chipset
Memory	2 GB DDR 200/266 SDRAM on two 184-pin DIMM
BIOS	Award BIOS
Display	- Intel® 855GME chipset, Extreme Graphics 2 - DVMT 64MB shard DDR SDRAM memory size - 1600×1200×8bpp or 1280×1024×16bpp resolution - LCD/Panel interface, LVDS DVO, dual display support
Ethernet	Intel® 82541GI Gigabit LAN for 10/100/1000 Base-TX Ethernet
Audio	AC'97Codec
Storage	- 2×Serial ATA ports (data transfer rate up to 150MB/s) - 2×EIDE channels for PIO mode 0-4, DMA mode 0-2 two channel for up to 4 IDE devices (support ATA-100)
Expansion Interface	- 3×PCI slots
ISA bus	N/A
Solid state Disk	Compact flash type-II socket
I/O	- 1×IrDA, 1× Parallel port - 6×USB2.0 (2×USB on rear panel, 2×USB ports by pin header) - Stacked connector for PS/2 keyboard and mouse
ACPI Function	N/A
Hardware Monitoring	System monitor (fan, temperature, voltage)
Watch Timer	256 levels software programmable
Power Requirement	TBA
Mechanical	- Dimension : 244(W)×244(L) mm ; 9.6"(W)×9.6"(L) - Micro-ATX form factor
Environment	- Operation Temperature : 0 to 60°C (32F to 140F) - Storage temperature : -20 to 80°C (-68F to 176F) - Relative Humidity : 10% to 90%(non-condensing)
Approval	CE, FCC, Class A