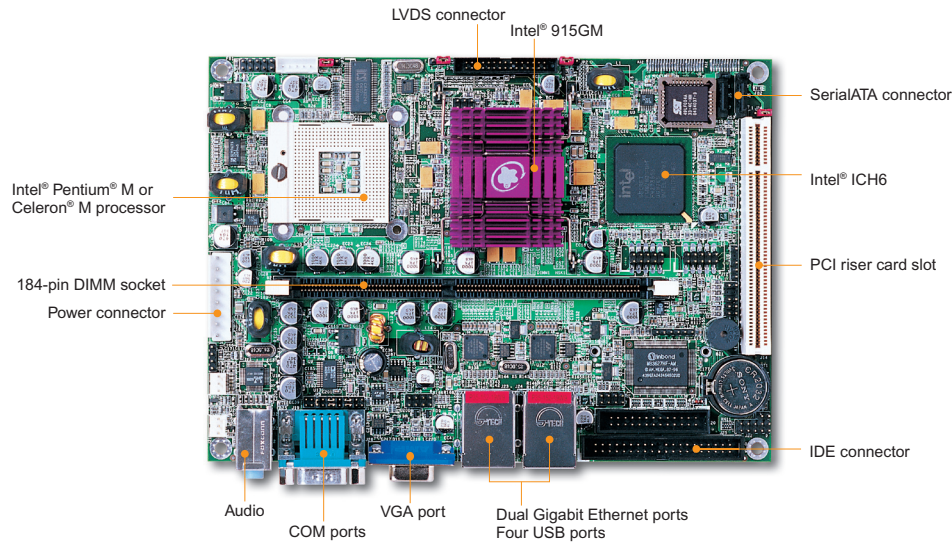


PEB-3718VG2A

5.25" ESB based on Intel® Pentium® M or Celeron® M Processor with DDR SDRAM, IEG VGA/Panel, Dual Gigabit Ethernet and Audio



FEATURES

- Intel® Pentium® M or Celeron® M in Micro-FCPGA package
- Dual independent displays support LVDS and VGA
- On-board dual Gigabit Ethernet
- On-board standard I/O, display, LCD panel, network and audio to meet the requirements of communication and multimedia platforms
- Up to 1GB high performance DDR SDRAM allows to run versatile embedded programs
- One PCI (with PCI expansion up to 3 PCI)

PACKING LIST

| | |
|-----------------------------|----|
| ■ 40 pin IDE cable | x1 |
| ■ Printer port cable | x1 |
| ■ PS/2 Keyboard/Mouse cable | x1 |
| ■ ATX power cable | x1 |
| ■ CPU heatsink with Fan | x1 |
| ■ User's manual | x1 |
| ■ Utility CD | x1 |

ORDERING GUIDE

| | |
|-----------------|--|
| Standard | PEB-3718VG2A 5.25" ESB based on Intel® Pentium® M or Celeron® M Processor with DDR SDRAM, VGA/Panel, Dual Gigabit Ethernet and Audio |
|-----------------|--|

OPTIONAL

| Part No. | QTY | Description |
|----------|-----|-------------|
| B2900260 | 1 | SATA cable |

SYSTEM

| | |
|---------------------|---|
| CPU | Intel® 479 socket Pentium® M or Celeron® M processor |
| Chipset | Intel® 915GM |
| System Memory | Up to 1GB DDR 266/333 SDRAM on one 184pin DIMM socket |
| L2 Cache Memory | 1MB/2MB (Depending on processor used) |
| BIOS | Award |
| SSD | Type II Compact Flash socket |
| Storage Devices | One IDE device at UMDA100 |
| Watchdog Timer | Yes |
| Expansion Interface | One PCI expansion directly; up to 3 PCI expansion via riser card |
| Hardware Monitoring | Voltage, Fan, Temperature |
| Power Requirement | ATX 2.03 compliant power |
| Dimension | 203(W) x146(L) mm; 8"(W) x 5.7"(L) |
| Environment | Operation temperature: 0~55°C Storage temperature: -20~75°C Operation humidity: 5~95% |

I/O

| | |
|-------------|---|
| MIO | RS232 x1, RS232/422/485 (selectable) x1, SATA 150 x 2, Parallel port x1 |
| IrDA | Yes |
| Ethernet | Dual Gigabit Ethernet |
| Audio | AC'97 2.3 |
| USB | USB 2.0 x 4, two pin header for USB 2.0 ports |
| Mouse & K/B | 1 |

DISPLAY

| | |
|--------------------|---|
| Graphic Controller | Intel® 915GM GMA 900 |
| Graphic Memory | DVMT 64MB shared DDR SDRAM |
| Display Interface | - 1600 x 1200 x 8bpp or 1280 x 1024 x 16bpp - LVDS; dual display support - Support NTSC, PAL and HDTV |