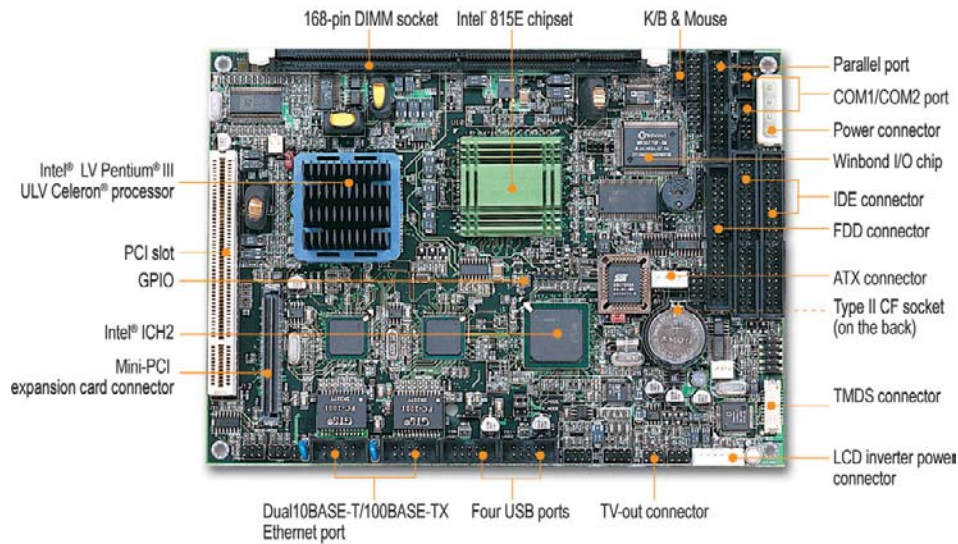


PEB-3632VL2A

5.25" ESB based on Intel® ULV Celeron® 400MHz processor with AGP 4X VGA/ LCD/TV, Dual LAN and Audio



FEATURES

- Compact 5.25" embedded system board
- Intel® ULV Celeron® processor
- On-board standard VGA, I/O and audio
- On-board dual 10BASE-T/100BASE-TX Ethernet (1000BASE-TX optional)
- Up to 512 MB SDRAM on one 168-pin DIMM socket
- One PCI and one mini-PCI, (thru optional expansion card slot)
- Versatile display support for VGA, LCD, TMDS Panel and TV-out

PACKING LIST

- User's manual x1
- Utility CD x1

ORDERING GUIDE

| | |
|-----------------|---|
| Standard | PEB-3632VL2A 5.25" Intel® Ultra Low Voltage Celeron® 400MHz processor based ESB with VGA Panel/TV, dual Fast Ethernet and audio |
|-----------------|---|

OPTIONAL

| Part No. | QTY | Description |
|-----------------|-----|------------------------|
| B6900090 | | PEB-3632VL2A cable set |
| B690064S | 1 | IDE/FDD/PRN Cable |
| B690049S | 1 | 2S Ribbon 2mm |
| B690036A | 1 | UDMA66 IDE cable |
| B6901090 | 1 | USB cable |
| B690032S | 1 | DB15 CRT Ribbon 2.54mm |
| B6901050 | 1 | Cable. Audio |
| B6900820 | 1 | KB/MS cable |
| B6900050 | 2 | LAN cable |
| B6900060 | 1 | ATX cable |

SYSTEM

| | |
|---------------------|---|
| CPU | Intel® ULV Celeron® 400 MHz (650MHz optional) |
| Chipset | Intel® 815E |
| System Memory | Up to 512 MB SDRAM on one 168-pin DIMM socket |
| BIOS | Award (4 Mb Flash ROM) |
| SSD | Type II Compact Flash socket |
| Storage Devices | Four EIDE devices; two FDDs |
| Watchdog Timer | Adjustable via software with internal resolution setting from 0.5 sec. to 254.5 min. |
| Expansion Interface | PCI x1, mini-PCI x1(optional) |
| Hardware Monitoring | N/A |
| Power Requirement | +5V@3.4A, +12V@0.5A |
| Dimension | 203(L) x146(W) mm; 8"(L) x 5.7"(W) |
| Environmental | Operation temperature: 0~55° C Storage temperature: -20~75° C Operation humidity: 5~95% |

I/O

| | |
|-------------|---|
| MIO | RS-232 x1, RS-232/422/485 (selectable) x1, Parallel port x1 |
| IrDA | Yes |
| Ethernet | Dual 10 BASE-T/100 BASE-TX Fast Ethernet |
| Audio | AC '97 2.0 |
| USB | 4 |
| Mouse & K/B | 1 |

DISPLAY

| | |
|---------------|---|
| Chipset | Intel® 815E |
| Memory Size | 4 MB (dedicated), up to 32 MB shared memory |
| Resolution | 1600 x 1200 x 8 bpp or 1280 x 1024 x 16 bpp |
| LCD Interface | TMDS, 1280 x 1024 x 16 bpp @ 60Hz |
| TV-out | S-Video/RCA through Cable (optional) |