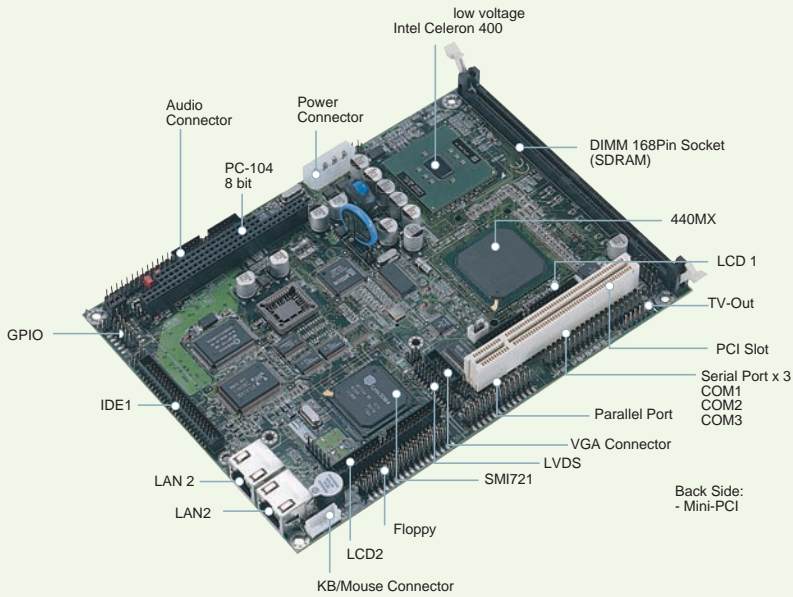


AR-B1661

PIII 5.25" EPC

Embedded Computing Board



Features

Fanless, 5.25" Onboard INTEL Ultra Low Power Celeron 400MHz CPU with SMI 721 VGA(CRT/LCD/TV-out Dual Display), Dual 10/100 LAN, Audio, Mini PCI/PCI Slot, 2 LANs, Compact Flash (Optional)

- Celeron ULV
- 5.25"
- SDRAM
- 2 USB
- 2 LAN
- 3 COM
- CF
- Audio
- LCD
- TV-out
- Dual Display
- PC104 Slot
- Mini PCI

Specification

System:

| | |
|-----------------------|--|
| CPU | On-board Intel Ultra Low Power . Celeron 400MHz |
| Chipset | Intel 440MX (FSB 100MHz) |
| System Memory | One DIMM socket, supports up to 512MB SDRAM |
| BIOS | Award |
| SSD | Optional AR-B9462C for Compact Flash Type I interface |
| Watchdog Timer | Software programmable 1-63 seconds |
| Expansion Interface | One 8-bit PC/104 (64-pin) . One 32-bit PCI Slot . One Mini PCI interface |
| Battery | Lithium 3V/220mAH |
| Power Requirement | +5V @2.5A and +12V @0.5A (AT&ATX) |
| Dimension | 203 mm x 146 mm (8" x 5.75") |
| Operating Temperature | 0~60°C(32~140°F) |
| Storage Temperature | -20~80°C(-4~176°F) |
| Operating Humidity | 0% ~ 90% Relative humidity non-condensing |

I/O:

| | |
|----------|--|
| Main IO | 1xE-IDE (44pin, Ultra DMA 33), 1xFDD, PS/2 (KB/Mouse), 1xRS-232C, 1xRS232C/Touch Screen, 1xRS-232C/ 485, 1xLPT |
| IrDA | Yes |
| Ethernet | Realtek RTL8100B (10/100Mbps base-T, RJ45x2) |
| Audio | Intel 440MX chipset included |
| USB | 2(USB 1.1 compliant) |
| GPIO | One TTL 4-bit input and 4-bit output |

Packing list

| | |
|-------------|------------------------|
| 190030006 | 3.5" FDD Cable |
| 190030015 | LPT Cable |
| 190030136 | USB Cable with Bracket |
| 190030158 | VGA Cable |
| 190030195-1 | KB+Mouse Cable |
| 190030370 | 3.5" HDD Cable |
| 190030382 | COM Cable |

Ordering Information

Standard:

| | |
|----------|--|
| AR-B1661 | Fanless, 5.25" Onboard INTEL Ultra Low Power Celeron 400MHz CPU with SMI 721 VGA(CRT/LCD/TV-out Dual Display), Dual 10/100 LAN, Audio, Mini PCI/PCI Slot, 2 LANs, Compact Flash (Optional) |
|----------|--|

Optional:

| | |
|--------------|---|
| 190030299 | TV-Out Cable |
| 010010212 | AR-B9462C, IDE to Compact Flash adaptor |
| 190030412 | USB Cable without bracket |
| 010080268-01 | AR-B9425A Transfer Board |
| 190030132 | Audio Transfer Board Cable |

Display:

| | |
|--------------|--|
| Chipset | SMI 721 |
| Memory Size | On-Chip VRAM 4MB |
| Resolution | CRT: up to Up 1280 x 1024, TTF LCD: up to 1280 x 1024 |
| Interface | CRT-D-SUB 15-pin female connector 18-bit for TTL LCD Panel 18-bit for LVDS LCD Panel |
| TV-out | S-Vedio |
| Dual Display | CRT/LCD and LCD1/LCD2 |

Specifications are subject to change without notice.