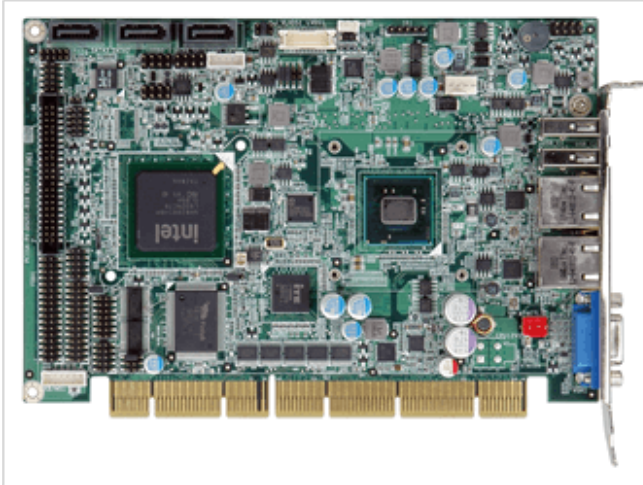


PCISA-PV- D4251/N4551/D5251

Half-size PCISA CPU Card with Intel® Atom™ D425/N455/D525



Features

- » PCISA CPU card supports PCI and ISA bus expansion
- » Supports Intel® Atom™ D525/D425/N455 processor
- » Supports VGA and 18-bit single-channel LVDS with dual display
- » Supports 800 MHz DDR3 SDRAM SO-DIMM up to 4 GB for D525/D425 and 2 GB for N455
- » Supports four COM, six USB 2.0, three SATA 3Gb/s, IDE and CF Type II
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

| | |
|-----------------------|---|
| System | |
| CPU | (1.80GHz/1MB L2 cache) Intel® Atom™ D425 single-core processor |
| I/O Interface | |
| Digital I/O | 1 x 8-bit digital I/O (2x5 pin) |
| Storage | |
| Storage | 1 x CF Type II 1 x KB/MS 1 x FDD 1 x IDE 3 x SATA 3Gb/s |
| Environment | |
| Operating Temperature | -20°C ~ 60°C |
| Expansion Slots | |
| Expansion Slots | 4 x PCI bus support ISA bus support by ITE IT8888G PCI to ISA bridge |
| Power | |
| Power consumption | 5V@3.25A, 12V@0.48A (Intel® singlecore Atom™ D425 1.80GHz with 1GB 1066MHz DDR3 memory) |
| I/O Interface | |
| Display | Analog CRT up to 2048x1536 for D525/D425, 1400x1050 for N455 Supports for CRT hot plug 18-bit single-channel LVDS supports resolution up to WXGA 1366x768 or XGA 1024x768 |
| System | |
| Chipset | Intel® ICH8M |
| I/O Interface | |
| I/O Interface | 4 x Internal USB 2.0 |
| I/O Interface | |
| Ethernet | LAN1: Realtek RT8111E with ASF 2.0 support |

| | |
|----------------|--|
| | LAN2: Realtek RT8111E |
| I/O Interface | |
| I/O Interface | 1 x LPT |
| System | |
| CPU Socket | On Board |
| Memory Max. | One 204-pin 800MHz DDR3 SDRAM SO-DIMM supported (system max. 4GB for D525/D425 and 2GB for N455) |
| I/O Interface | |
| Audio | Realtek ALC888 HD codec |
| I/O Interface | |
| I/O Interface | 3 x RS-232 |
| | 1 x RS-422/485 |
| Watchdog Timer | |
| Watchdog Timer | Software programmable supports 1~255 sec. system reset |
| I/O Interface | |
| I/O Interface | 2 x USB 2.0 |

Ordering Information

| | |
|--------------------|---|
| PCISA-PV-D4251-R10 | Half-size PCISA CPU card with Intel Single Core Atom D425 1.80GHz/512KB L2 cache,VGA/LVDS,Dual PCIe GbE,USB2.0,4 COM,3 SATA II and Audio,RoHS |
| PCISA-PV-D5251-R10 | Half-size PCISA CPU card with Intel Dual Core Atom D525 1.80GHz/1MB L2 cache,VGA/LVDS,Dual PCIe GbE,USB2.0,4 COM,3 SATA II and Audio,RoHS |
| PCISA-PV-N4551-R10 | Half-size PCISA CPU card with Intel Single Core Atom N455 1.66GHz/512KB L2 cache,VGA/LVDS,Dual PCIe GbE,USB2.0,4 COM,3 SATA II and Audio,RoHS |