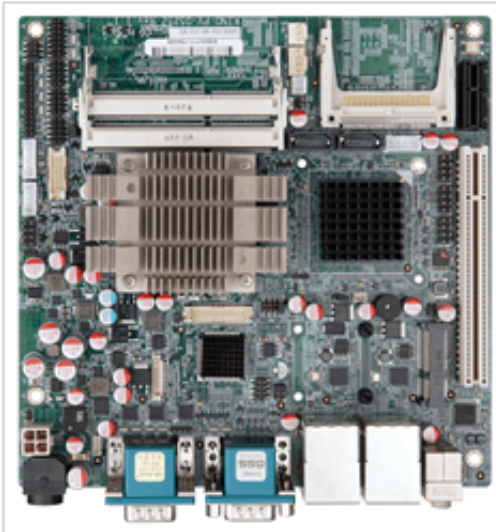


KINO-PV-D5252

Mini-ITX SBC with Intel® Atom™ D425/D525



Features

- » Mini-ITX SBC with Intel® Atom™ D525/D425 processor
- » Support 800 MHz DDR3 SO-DIMM socket (system max. 4 GB)
- » Support 24-bit dual-channel LVDS with up to 1920x1080 resolution
- » Complete I/O with eight USB, two SATA 3Gb/s, one CF Type II, six COM and audio
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

| | |
|-----------------------|---|
| Display | |
| Display | Analog CRT up to 2048x1536 for D525/D425 Support CRT hotplug |
| | 18-bit single-channel LVDS, up to WXGA 1366x768 or XGA 1024x768 |
| | 24-bit dual-channel LVDS by Novatek 68660UFG, up to 1920x1080 |
| Environment | |
| Humidity | 5% ~ 95%, non-condensing |
| Operating Temperature | -10°C ~ 60°C |
| Expansion Slots | |
| Expansion Slots | 1 x PCI slot |
| | 1 x PCIe x1 slot |
| | 1 x PCIe Mini card slot |
| Form factor | |
| Form factor | Mini-ITX |
| I/O Interface | |
| Audio | Realtek ALC662-GR HD Audio codec |
| Digital I/O | 8-bit digital I/O (2x5 pin) |
| Ethernet | LAN1: Realtek RTL8111E PCIe GbE controller with ASF 2.0 support |
| | LAN2: Realtek RTL8111E PCIe GbE controller |
| I/O Interface | |
| I/O Interface | 2 x Internal RS-232 |
| | 4 x Internal USB 2.0 |
| | 1 x LPT |
| | 4 x USB 2.0 |
| | 3 x RS-232 |
| | 1 x Internal RS-232/422/485 |
| Power | |
| Power consumption | 12V@1.95A (Intel® Atom™ D525 1.8GHz with two 1 GB DDR3) |
| Storage | |
| Storage | 1 x CF Type II |
| | 2 x SATA 3Gb/s |
| System | |
| Chipset | ICH8M |

| | |
|----------------|--|
| CPU | Intel® Atom™ D525 dual-core processor 1.8GHz/1MB L2 cache |
| | Intel® Atom™ D425 single-core processor 1.8GHz/512KB L2 cache |
| Memory Max. | Two 204-pin 800 MHz DDR3 SDRAM SO-DIMMs supported (system max. 4 GB) for D525/D425 |
| Watchdog Timer | |
| Watchdog Timer | Software programmable supports 1~255 sec. |

Ordering Information

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|----------------------|--|
| KINO-PV-D4252-R11 | Mini ITX SBC with Intel Atom D425 1.8GHz,DDR3,VGA/18 LVDS,Dual GbE,Audio,USB 2.0 and SATA II,RoHS |
| KINO-PV-D5252-L2-R11 | Mini ITX SBC with Intel Atom D525 1.8GHz,DDR3,VGA/18+48-bit LVDS,Dual GbE,Audio,USB 2.0 and SATA II,RoHS |

Packing List

| | |
|---|-------------------------|
| 1 x KINO-PV-D4252/D5252 single board computer | 1 x Mini jumper pack |
| 1 x I/O shielding | 1 x One Key Recovery CD |
| 1 x RS-232 cable with bracket | 1 x QIG |
| 1 x SATA with power cable | 1 x Utility CD |