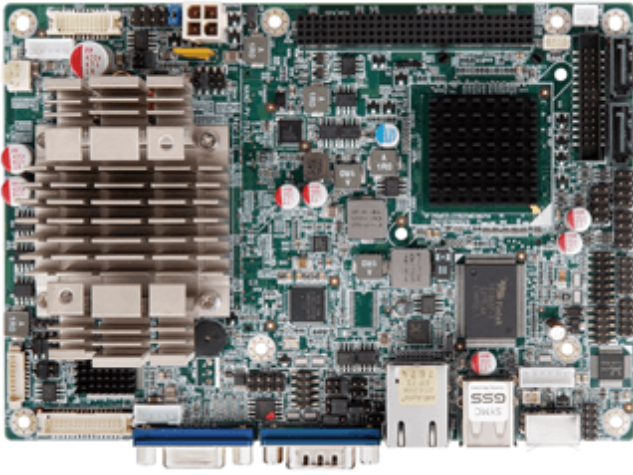


NANO-PV-D5252

EPIC SBC with Intel® Atom™ D425/N455/D525



Features

- » EPIC SBC with Intel® Atom™ D525/D425/N455 processor and DDR3 solution
- » 12V only single voltage design for AT/ATX mode
- » Support dual LVDS
- » Support PCI-104 and PCIe Mini card slot
- » Support five COM, eight USB, two SATA 3Gb/s and one CF Type II socket
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

| | |
|-----------------------|--|
| Display | |
| Display | VGA (up to 2048x1536(D525) or 1400x1050(N455)@60Hz) |
| | 18-bit single-channel LVDS (up to 1366x768(D525) or 1024x768(N455)@60Hz) |
| | 24-bit dual-channel LVDS (up to 1920x1080@60Hz) |
| Environment | |
| Humidity | 5% ~ 95%, non-condensing |
| Operating Temperature | -10°C ~ 60°C |
| Expansion Slots | |
| Expansion Slots | 1 x PCI-104 slot |
| Form factor | |
| Form factor | EPIC |
| I/O Interface | |
| Audio | Realtek ALC662 HD codec |
| Ethernet | LAN: Realtek RTL8111E PCIe GbE controller with ASF 2.0 support |
| I/O Interface | |
| I/O Interface | 1 x RS-232 |
| | 6 x Internal USB 2.0 |
| | 3 x Internal RS-232 |
| | 1 x Internal RS-232/422/485 |
| | 1 x LPT |
| | 2 x USB 2.0 |
| Power | |
| Power consumption | 12V@2.16A (Intel® Atom™ D525 with 2 GB 1066 MHz DDR3) |
| | 12V@2.08A (Intel® Atom™ D425 with 2 GB 1066 MHz DDR3) |
| | 12V@1.99A (Intel® Atom™ N455 with 2 GB 1066 MHz DDR3) |
| Storage | |
| Storage | 1 x CF Type II |
| | 2 x SATA 3Gb/s |
| System | |
| Chipset | Intel® ICH8M |
| CPU | Intel® Atom™ D525 (1.8GHz, dual-core, 1MB cache) |
| | Intel® Atom™ D425 (1.8GHz, single-core, 512KB cache) |
| | Intel® Atom™ N455 (1.66GHz, single-core, 512KB cache) |

| | |
|-------------|--|
| Memory Max. | One 204-pin 800 MHz DDR3 SDRAM SO-DIMM slot supports up to 4 GB (D525/D425) or 2 GB (N455) |
|-------------|--|

Ordering Information

| | |
|-------------------|---|
| NANO-PV-D4252-R11 | EPIC SBC with Intel Atom D425 1.8GHz,DDR3,VGA/18+ 48bit LVDS,GbE,USB2.0 and SATA II,Audio,RoHS |
| NANO-PV-D5252-R11 | EPIC SBC with Intel Atom D525 1.8GHz,DDR3,VGA/18+ 48bit LVDS,GbE,USB2.0 and SATA II,Audio,RoHS |
| NANO-PV-N4552-R11 | EPIC SBC with Intel Atom N455 1.66GHz,DDR3,VGA/18+ 48bit LVDS,GbE,USB2.0 and SATA II,Audio,RoHS |

Packing List

| | |
|---|-------------------------------|
| 1 x NANO-PV-D4252/N4552/D5252 single board computer | 1 x Audio cable |
| 2 x RS-232 cable | 1 x Dual port USB cable |
| 1 x Mini jumper pack | 1 x KB/MS Y cable |
| 1 x One Key Recovery CD | 1 x Power cable |
| 1 x QIG | 1 x SATA with 5V output cable |
| 1 x Utility CD | |