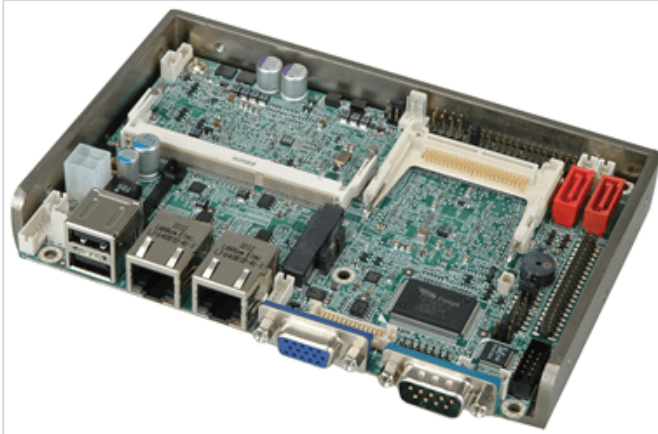


WAFER-PV- D5252/D4252/N4552

3.5" SBC with Intel® Atom™ D425/N455/D525



Features

- » 3.5" form factor with Intel® Atom™ D525/D425/N455 processor supports DDR3 memory
- » 12V only single voltage design for AT/ATX power
- » Open frame heatsink thermal design for fanless solutions
- » Support VGA and 18-bit single-channel LVDS with dual display support
- » 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 | VGA : (up to 2048x1536 (D525/D425) or 1400x1050 (N455) @60Hz) |
| | 18-bit single-channel LVDS : (up to 1366x768 (D525/D425) or 1024x768 (N455) @60Hz) |
| Environment | |
| Humidity | 5% ~ 95%, non-condensing |
| Operating Temperature | -10°C ~ 60°C |
| Expansion Slots | |
| Expansion Slots | 1 x Full-size PCIe Mini card slot |
| I/O Interface | |
| Audio | Realtek ALC662 HD Audio codec |
| Digital I/O | 1 x 8-bit digital I/O (2x5 pin) |
| Ethernet | LAN1: Realtek RTL8111E controllers with ASF2.0 support LAN2: Realtek RTL8111E controllers |
| I/O Interface | |
| I/O Interface | 1 x KB/MS 1 x RS-232/422/485 4 x RS-232 6 x Internal USB 2.0 |
| Power | |
| Power consumption | 12V@1.79A (Intel® Atom™ D525 with one 1 GB 800 MHz DDR3 memory) |
| System | |
| 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 SODIMM slot supports up to 4 GB (D525/D425) or 2 GB (N455) |

Ordering Information

| | |
|--------------------|---|
| WAFER-PV-D5252-R11 | 3.5" SBC with Intel® Atom™ D525 1.8GHz, DDR3, VGA/LVDS, dual GbE, USB 2.0 and SATA 3Gb/s, audio, RoHS |
| WAFER-PV-D4252-R11 | 3.5" SBC with Intel® Atom™ D425 1.8GHz, DDR3, VGA/LVDS, dual GbE, USB 2.0 and SATA 3Gb/s, audio, RoHS |
| WAFER-PV-N4552-R11 | 3.5" SBC with Intel® Atom™ D455 1.6GHz, DDR3, VGA/LVDS, dual GbE, USB 2.0 and SATA 3Gb/s, audio, RoHS |

Packing List

| | |
|--|-------------------------------|
| 1 x WAFER-PV-D5252/D4252/N4552 single board computer | 1 x Audio cable |
| 1 x Heat spreader | 1 x KB/MS cable |
| 1 x Mini jumper pack | 1 x Power cable |
| 1 x One Key Recovery CD | 1 x Quad RS-232 cable |
| 1 x Utility CD | 1 x SATA with 5V output cable |
| 1 x QIG | |