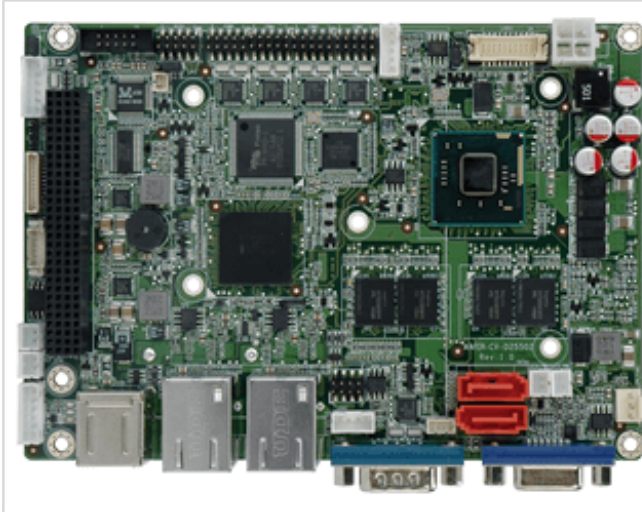


WAFER-CV- D25502/N26002

3.5" SBC Supports Intel® Atom™ D2550/N2600 Processor



Features

- » 3.5" form factor supports Intel® Atom™ D2550/N2600 dual-core processor with 2 GB DDR3 memory
- » 12V only single voltage design for AT/ATX power
- » 24-bit single-channel LVDS via D2550 CPU or 18-bit single-channel via N2600/N2800 CPU support
- » Supporting PCI-104 and mSATA
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

| | |
|------------------------|---|
| CPU Cooler | |
| CPU Cooler | Specific Heatsink |
| Display | |
| Display | Dual display supported |
| | 1 x VGA Integrated in Intel® CPU |
| | 1 x Single-channel 18-bit (N2600)/24-bit LVDS2 (D2550) |
| Environment | |
| Humidity | 5% ~ 95%, non-condensing |
| Operating Temperature | -20°C ~ 60°C with free air, -20°C ~ 70°C with force air for D2550 processor |
| | -20°C ~ 70°C with free air, -20°C ~ 75°C with force air for N2600 processor |
| Expansion Slots | |
| Expansion Slots | 1 x Full/Half-size PCIe Mini card slot with mSATA support |
| | 1 x PCI-104 slot supports PCI singal |
| I/O Interface | |
| Audio | Realtek ALC662 HD Audio codec |
| Digital I/O | 8-bit digital I/O (4-bit input / 4-bit output) |
| Ethernet | Dual LAN: Realtek RTL8111E controllers |
| I/O Interface | 5 x RS-232 |
| | 1 x RS-422/485 |
| | 4 x USB2.0 |
| | 1 x 6-pin wafer for PS/2 KB/MS |
| I/O Interface | |
| I/O Interface | 2 x USB 2.0 |
| | 2 x Internal USB 2.0 |
| | 5 x RS-232 |
| | 1 x RS-422/485 |
| Power | |
| Power consumption | 12V@1.19A (1.86GHz Intel® D2550 with on-board 1066MHz 1GB SDRAM) |

| | |
|-----------------------|--|
| | 12V@0.95A (1.6GHz Intel® N2600 |
| | with on-board 1066MHz 1GB |
| | SDRAM) |
| Storage | |
| Storage | 2 x SATA 3Gb/s or |
| | 1 x SATA 3Gb/s + 1 x mSATA |
| System | |
| Chipset | Intel® NM10 |
| CPU | Intel® Atom™ D2550 (1.86GHz, dual-core, 1MB cache) |
| | Intel® Atom™ N2600 (1.6GHz, dual-core, 1MB cache) |
| | Intel® Atom™ N2800 (1.86GHz, dual-core, 1MB cache) |
| CPU Socket | On board |
| Memory Max. | On-board DDR3 1066MHz 2GB |
| | SDRAM |
| Watchdog Timer | |
| Watchdog Timer | Software programmable and supports 1~255 sec. system reset |

Ordering Information

| | |
|---------------------|--|
| WAFER-CV-D25502-R10 | 3.5" SBC with Intel Atom D2550 1.86MHz processor,2GB DDR3 memory down,VGA/LVDS,Dual GbE,PCI/104,USB 2.0,SATA 3GB/s and Audio |
| WAFER-CV-N26002-R10 | 3.5" SBC with Intel Atom N2600 1.6MHz processor,2GB DDR3 memory down,VGA/LVDS,Dual GbE,PCI/104,USB 2.0,SATA 3GB/s and Audio |

Packing List

| | |
|--|----------------------|
| 1 x WAFER-CV-D25502/N26002 single board computer | 1 x Audio cable |
| 1 x Power cable 1 x Mini jumper pack | 1 x PS/2 KB/MS cable |
| 1 x QIG | 1 x RS-232 cable |
| 2 x SATA with 5V output cable kit | |