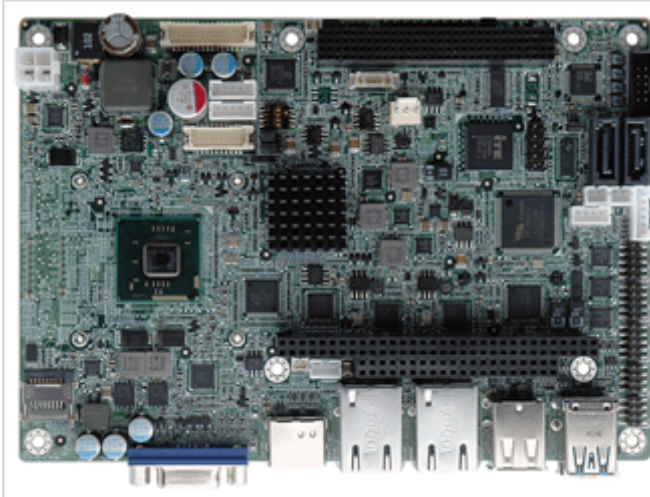


NANO-CV- D25501/N26001

EPIC SBC with Intel® D2550/N2600



Features

- » EPIC form factor with Intel® D2550/N2600 dual-core processor supporting DDR3/DDR3L (1.35V) memory
- » Wide range 9V ~ 28V DC input design
- » Flexible VGA, dual LVDS and HDMI™ with dual-display support
- » Supports PC/104-Plus and PCIe Mini card slot compatible with mSATA SSD storage
- » Complete I/O with six USB, two SATA 3Gb/s, four COM and audio
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

| | |
|-----------------------|---|
| CPU Cooler | |
| CPU Cooler | Heat Spreader |
| Display | |
| Display | Dual display supported |
| | VGA (up to 1920x1200@60Hz) |
| | (Due to Intel GMA driver limitation, the monitor connected to the VGA connector may not have signal to it or become extended desktop after restarting from the graphics driver installation. To solve this problem, press the Ctrl+Alt+F1 hotkey to switch the primary screen to CRT mode.) |
| | HDMI™ (up to 1920x1200@60Hz) |
| | 24-bit single-channel LVDS1 (D2550) |
| | (up to 1440x900@60Hz) |
| | 18-bit single-channel LVDS1 (N2600/N2800) |
| | (up to 1366x768@60Hz) |
| | 24-bit dual-channel LVDS2 (up to 1920x1200@60Hz) |
| | DP to LVDS converter (up to 1920x1200(D2550) or 1600x1200(N2600/N2800)@60Hz) |
| 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 PCIe Mini card slot with |
| | mSATA support |
| | 1 x half-size PCIe Mini card slot |
| 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 Realtek RTL8111E PCIe GbE controllers with ASF 2.0 support |
| I/O Interface | 3 x RS-232 |
| | 1 x RS-422/485 |
| | 6 x USB 2.0 |
| | 1 x 6-pin header for KB/MS |
| I/O Interface | |

| | |
|-----------------------|---|
| I/O Interface | 1 x RS-422/485 |
| | 6 x USB 2.0 |
| | 3 x RS-232 |
| Power | |
| Power consumption | 12V@1.59A (Intel® dual core D2550 CPU with 1333MHz 4GB DDR3 memory) |
| | 12V@1.23A (Intel® dual core N2600 CPU with 1333MHz 4GB DDR3 memory) |
| 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 Intel® Atom™ N2600 1.6GHz |
| CPU Socket | On Board |
| Memory Max. | 1 x 204-pin 1066 MHz 4 GB DDR3 SO-DIMM (system max. 4GB) for D2550 |
| | 1 x 204-pin 800 MHz 2 GB DDR3 SO-DIMM (system max. 2GB) for N2600 |
| Watchdog Timer | |
| Watchdog Timer | Software programmable and supports 1~255 sec. system reset |

Ordering Information

| | |
|--------------------|--|
| NANO-CV-D25501-R10 | EPIC SBC with Intel Atom D2550 1.86GHz,DDR3,VGA/HDMI™/Dual LVDS,Dual GbE,USB 3.0,mSATA,SATA 3Gb/s,Audio and RoHS |
| NANO-CV-N26001-R10 | EPIC SBC with Intel Atom N2600 1.6GHz,DDR3,VGA/HDMI™/Dual LVDS,Dual GbE,USB 3.0,mSATA,SATA 3Gb/s,Audio and RoHS |
| NANO-CV-N28001-R10 | EPIC SBC with Intel Atom N2800 1.86GHz,DDR3,VGA/HDMI™/Dual LVDS,Dual GbE,USB 3.0,mSATA,SATA 3Gb/s and Audio |

Packing List

| | |
|---|------------------------------------|
| 1 x NANO-CV-D25501/N26001 single board computer | 1 x Audio cable |
| 1 x USB cable | 1 x Power cable |
| 1 x Mini jumper pack | 1 x PS/2 KB/MS Y cable |
| 1 x RS-232 cable | 1 x QIG (Quick Installation Guide) |
| 1 x SATA with 5V output cable | |