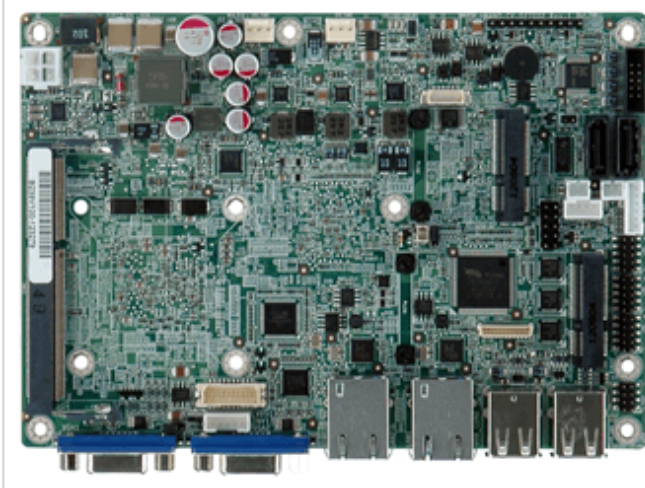


# NANO-CV- D25502/N26002

EPIC SBC with Intel® Atom™ D2550 1.86GHz/N2600 1.6GHz



## Features

- » EPIC form factor with Intel® Atom™ dual core D2550 1.86GHz/N2600 1.6GHz processor supporting DDR3 memory
- » Dual display support by dual VGA and 18/24-bit single-channel LVDS
- » 1066/800MHz DDR3 SO-DIMM supports up to 4 GB
- » Easy assembly heat spreader for thermal management
- » Wide power voltage range supports 9V ~ 28V power input
- » 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  |
|                       | VGA1: Integrated in Intel® CPU                                    |
|                       | VGA2: Integrated in NXP   |
|                       | PTN3392   |
|                       | 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 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  |
|                       | 3 x RS-232  |
|                       | 6 x USB 2.0   |
| Power                 |   |

|                       |  |
|-----------------------|--|
| Power consumption     | 12V@1.59A (Intel® dual core<br>D2550 CPU with 1333MHz 4GB<br>DDR3 memory)              |
|                       | 12V@1.23A (Intel® dual core<br>N2600 CPU with 1333MHz 4GB<br>DDR3 memory)              |
| <b>Storage</b>        |  |
| Storage               | 2 x SATA 3Gb/s or<br>1 x SATA 3Gb/s + 1 x mSATA  |
| <b>System</b>         |  |
| Chipset               | Intel® NM10  |
| CPU                   | Intel® Atom™ D2550 1.86GHz<br>Intel® Atom™ N2600 1.6GHz                                |
| CPU Socket            | On Board   |
| Memory Max.           | 1 x 204-pin 1066 MHz 4 GB<br>DDR3/DDR3L (1.35V) SO-DIMM<br>(system max. 4GB) for D2550 |
|                       | 1 x 204-pin 800 MHz 2 GB<br>DDR3/DDR3L (1.35V) SO-DIMM<br>(system max. 2GB) for N2600  |
| <b>Watchdog Timer</b> |  |
| Watchdog Timer        | Software programmable and supports 1~255 sec. system reset                             |

## Ordering Information

|                    |  |
|--------------------|--|
| NANO-CV-D25502-R10 | EPIC SBC with Intel Atom D2550 1.86GHz,DDR3,Dual VGA/LVDS,Dual GbE,USB 2.0,Dual PCIe Mini,SATA 3Gb/s and Audio |
| NANO-CV-N26002-R10 | EPIC SBC with Intel Atom N2600 1.6GHz,DDR3,Dual VGA/LVDS,Dual GbE,USB 2.0,Dual PCIe Mini,SATA 3Gb/s and Audio  |
| NANO-CV-N28002-R10 | EPIC SBC with Intel Atom N2800 1.86GHz,DDR3,Dual VGA/LVDS,Dual GbE,USB 2.0,Dual PCIe Mini,SATA 3Gb/s and Audio |

## Packing List

|  |                                    |
|--|------------------------------------|
| 1 x NANO-CV-D25502/N26002 single board computer with heat spreader | 1 x Audio cable                    |
| 1 x Mini jumper pack   | 1 x Power cable                    |
| 1 x RS-232 cable   | 1 x QIG (Quick Installation Guide) |
| 1 x SATA with 5V output cable kit                                  |                                    |