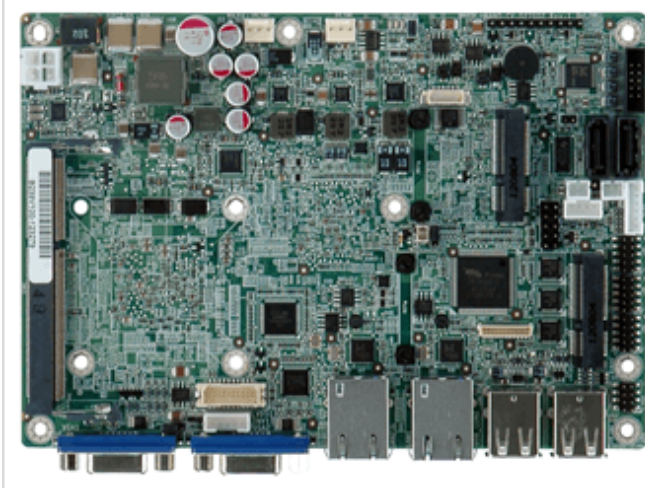


# NANO-CV- D25502/N26002

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 D2550 CPU with 1333MHz 4GB DDR3 memory)
	12V@1.23A (Intel® dual core N2600 CPU with 1333MHz 4GB DDR3 memory)
<b>Storage</b>	
Storage	2 x SATA 3Gb/s or 1 x SATA 3Gb/s + 1 x mSATA
<b>System</b>	
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/DDR3L (1.35V) SO-DIMM (system max. 4GB) for D2550
	1 x 204-pin 800 MHz 2 GB DDR3/DDR3L (1.35V) SO-DIMM (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	