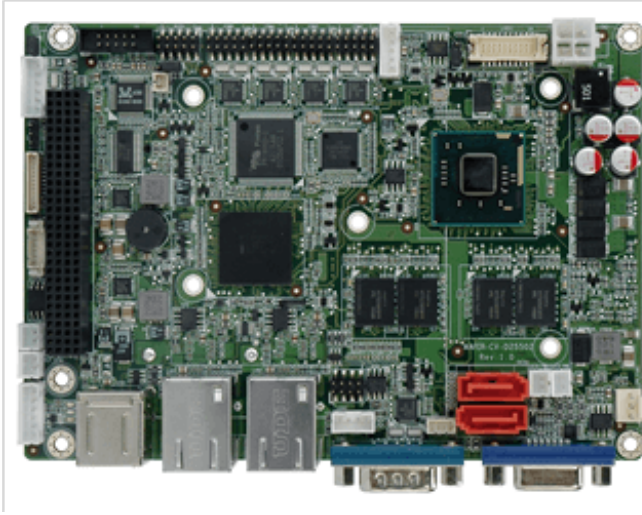


# WAFER-CV- D25502/N26002

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

<b>CPU Cooler</b>	
CPU Cooler	Specific Heatsink
<b>Display</b>	
Display	Dual display supported
	1 x VGA Integrated in Intel® CPU
	1 x Single-channel 18-bit (N2600)/24-bit LVDS2 (D2550)
<b>Environment</b>	
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
<b>Expansion Slots</b>	
Expansion Slots	1 x Full/Half-size PCIe Mini card slot with mSATA support
	1 x PCI-104 slot supports PCI singal
<b>I/O Interface</b>	
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
<b>I/O Interface</b>	
I/O Interface	2 x USB 2.0
	2 x Internal USB 2.0
	5 x RS-232
	1 x RS-422/485
<b>Power</b>	
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)
<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, 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
<b>Watchdog Timer</b>	
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	