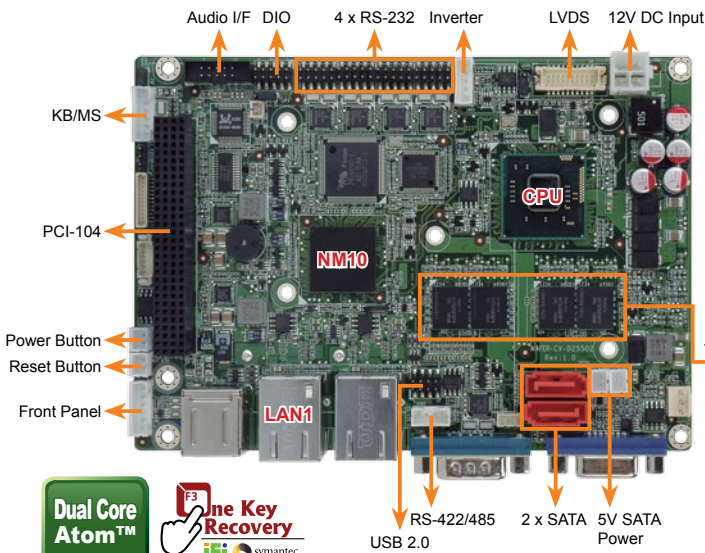
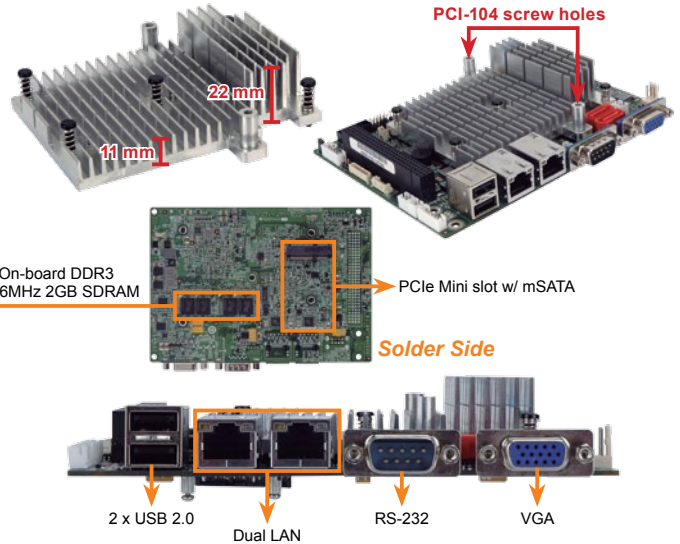


WAFER-CV-D25502-N26002

3.5" SBC Supports Intel® Atom™ D2550/N2600 Processor with 2GB DDR3 Memory, VGA/LVDS, Dual GbE, PCI-104, USB 2.0, SATA 3GB/s and Audio



Fanless design in specific heatsink is for easy installation of the PCI-104 add-in card



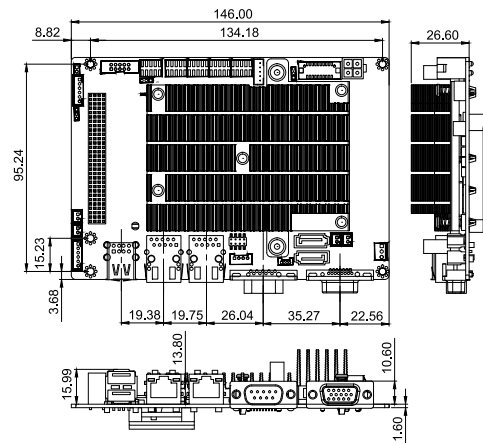
Features

- 3.5" form factor supports Intel® Atom™ D2550/N2600 dual-core processor with 2GB 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**
Intel® Atom™ dual core D2550 1.86 GHz/ 10W TDP processor
Intel® Atom™ dual core N2600 1.6 GHz/ 3.5W TDP processor
Intel® Atom™ dual core N2800 1.86 GHz/ 6.5W TDP processor (optional)
- System Chipset**
Intel® NM10
- BIOS**
UEFI BIOS
- Memory**
On-board DDR3 1066MHz 2GB SDRAM
- Graphics**
GMA 3650 with 640MHz graphics core speed for D2550 and N2800
GMA 3600 with 400MHz graphics core speed for N2600
- Display Out**
1 x VGA integrated in Intel® CPU (resolution up to 1920x1200 for D2550/N2600/N2800)
1 x LVDS integrated in D2550/N2600
Single-channel 24-bit LVDS by D2550, resolution up to 1440x900
Single-channel 18-bit LVDS by N2600/N2800, resolution up to 1366x768
- Ethernet**
Dual Realtek RTL8111E PCIe GbE controller, LAN1 with ASF2.0 supported
- Super IO**
Fintek F81866
- I/O Interfaces**
5 x RS-232
1 x RS-422/485
1 x 6-pin wafer for PS/2 KB/MS
2 x SATA 3Gb/s with 5V power connector
4 x USB 2.0 (2 on rear I/O, 2 by pin header)
- Expansion**
1 x Full-size PCIe Mini card slot with mSATA support
1 x PCI-104 slot supports PCI singal
- Audio**
Realtek ALC662 HDA codec
- Digital I/O**
8-bit programmable I/O (4-bit in/ 4-bit out)
- Fan Connector**
1 x 3-pin (1x3) CPU fan connector (smart fan support)
- Watchdog Timer**
Software programmable support 1~255 sec. system reset
- Power Supply**
12V only, AT/ATX supported
- 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/N2800 processor
- Operating Humidity**
5%~95%, non-condensing
- Power Consumption**
12V@1.19A (1.86GHz Intel® Atom™ D2550 with on-board 1GB 1066MHz DDR3 SDRAM)
12V@0.95A (1.6GHz Intel® Atom™ N2600 with on-board 2GB 1066MHz DDR3 SDRAM)
- Dimensions**
146 mm x 102 mm
- Weight**
GW: 600g/ NW: 250g

Dimensions (Unit: mm)



Packing List

1 x WAFER-CV-D25502/N26002 single board computer	
2 x SATA with 5V output cable kit (P/N: 32801-000201-100-RS)	
1 x Audio cable (P/N: 32000-072100-RS)	1 x Mini jumper pack
1 x Power cable (P/N: 32100-087100-RS)	1 x QIG
1 x PS/2 KB/MS cable (P/N: 32000-023800-RS)	1 x Utility CD
1 x RS-232 cable (P/N: 32200-000049-RS)	1 x One Key Recovery CD

Ordering Information

Part No.	Description
WAFER-CV-D25502-R10	3.5" SBC supports Intel® Atom™ D2550 1.86MHz processor with 2GB DDR3 memory, VGA/LVDS, Dual GbE, PCI/104, USB 2.0, SATA 3GB/s and Audio
WAFER-CV-N26002-R10	3.5" SBC supports Intel® Atom™ N2600 1.6MHz processor with 2GB DDR3 memory, VGA/LVDS, Dual GbE, PCI/104, USB 2.0, SATA 3GB/s and Audio
WAFER-CV-N28002-R10	3.5" SBC supports Intel® Atom™ N2800 1.86MHz processor with 2GB DDR3 memory, VGA/LVDS, Dual GbE, PCI/104, USB 2.0, SATA 3GB/s and Audio (by project support, MOQ 100pcs / lot)
32000-070301-RS	Dual ports USB cable
32200-074800-RS	RS-422/485 cable