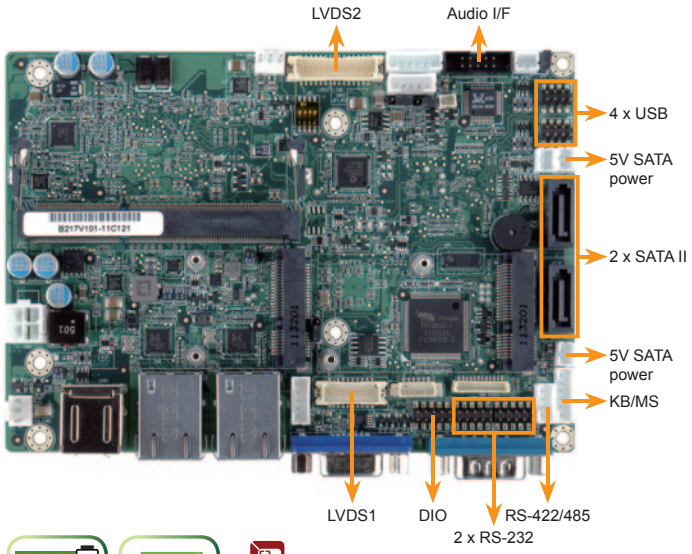
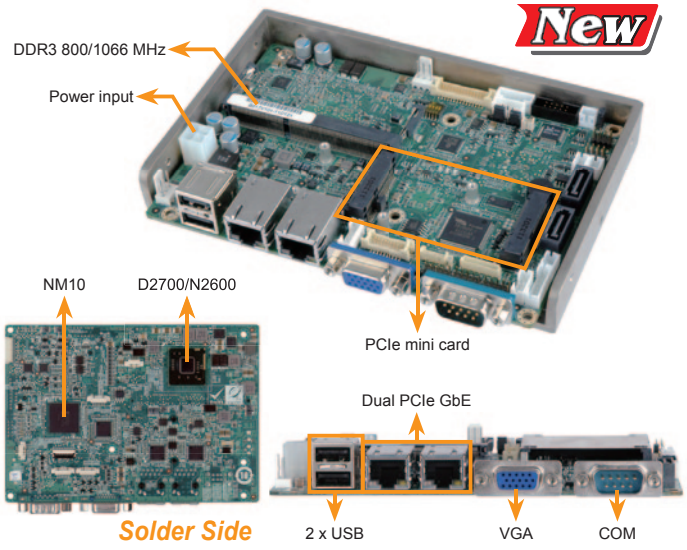
WAFER-CV-D27001 N26001

3.5" SBC with Intel® D2700/N2600 processor, DDR3, VGA/Dual LVDS, Dual GbE, USB 2.0, SATA II, Audio, RoHS





1.35V DDR3 | mSATA | One Key Recovery (iEi, symantec.)

Dual Core Atom™ | DDR3 1066 | Dual Display | SERIAL ATA SATA II | Hi-Speed USB | USB | Gigabit Ethernet | GbE

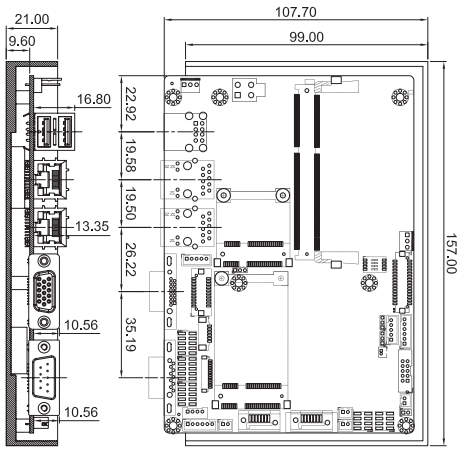
Specifications

- CPU
  Intel® Dual Core D2700 2.13 GHz Processor
  Intel® Dual Core N2600 1.6 GHz Processor
- Chipset
  Intel® NM10
- BIOS
  UEFI BIOS
- Memory
  1 x SO-DIMM DDR3 1066 MHz up to 4 GB for D2700
  1 x SO-DIMM DDR3 800 MHz up to 2 GB for N2600
- Graphic
  GMA 3650 Graphic Core Speed 400 MHz for N2600
  GMA 3600 Graphic Core Speed 640 MHz for D2700
- Display Output
  Support Dual LVDS, VGA for dual independent display
  Analog CRT up to 1920x1200 for D2700/N2600, support for CRT Hot plug
  LVDS1:
  Single-channel 24-bit LVDS supported by D2700, resolution support up to 1440x900
  Single-channel 18-bit LVDS supported by N2600, resolution support up to 1366x768
  LVDS2:
  Dual-channel 24-bit LVDS supported by chrontel CH7511, resolution support up to 2560x1600 for D2700, 1600x1200 for N2600
- Ethernet
  Dual GbE by Intel 82583V controller
- I/O Interfaces
  1 x RS-422/485 3 x RS-232
  1 x 6-pin KB/MS 2 x SATA II with 5V power connector
  8 x USB 2.0
- Super IO
  Fintek F81866
- Digital I/O
  8-bit digital I/O (4-bit input, 4-bit output)
- Expansion
  1 x full size PCIe Mini Card Slot support mSATA SSD storage
- Audio
  Realtek ALC662 HD Codec
- Watchdog Timer
  Software Programmable support 1~255 sec. System reset by Super I/O
- Power Supply
  12V only, AT/ATX support
- FAN Connector
  1x3-pin CPU fan connector
  1x3-pin system fan connector
- Power Consumption
  12V@1.53A(2.13GHz Intel® D2700 with 1GB DDR3 1066MHz)
  12V@1.15A(1.6GHz Intel® N2600 with 1GB DDR3 1066MHz)
- Operating temperature
  -20°C ~ 70°C
- Operating Humidity
  5%~95%, non-condensing
- Weight
  GW: 600g / NW: 250g

Features

1. 3.5" form factor with Intel® Cedarview dual core processor support DDR3 memory
2. 12V only Single Voltage design for AT/ATX Power
3. Open frame heatsink thermal design for fanelss solution
4. Flexible VGA, 18/24bit LVDS with dual-display support
5. Complete I/O with 6 x USB, 2 x SATA II, 1 x mSATA, 4 COM and Audio
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Dimensions (Unit: mm)



Packing List

1 x WAFER-CV-D27001/N26001 Single Board Computer	
2 x SATA with 5V output Cable Kit (P/N: 32801-000201-100-RS)	
1 x RS-232 Cable (P/N: 32205-002700-100-RS)	
1 x Audio Cable (P/N: 32000-072100-RS)	1 x Enclosure Heatsink
1 x KB/MS Cable (P/N: 32000-023800-RS)	1 x Mini Jumper Pack
1 x Power Cable (P/N: 32100-087100-RS)	1 x Utility CD
1 x One Key Recovery CD	1 x QIG

Ordering Information

Part No.	Description
WAFER-CV-D27001-R10	3.5" SBC with Intel® Atom™ D2700 DC 2.13 GHz, DDR3, VGA/Dual LVDS, Dual GbE, USB 2.0, SATA II, Audio, RoHS
WAFER-CV-N26001-R10	3.5" SBC with Intel® Atom™ N2600 DC 1.6 GHz, DDR3, VGA/ Dual LVDS, Dual GbE, USB 2.0, SATA II, Audio, RoHS
32001-008600-100-RS	Dual Port USB Cable
32205-003800-100-RS	RS-422/485 Cable