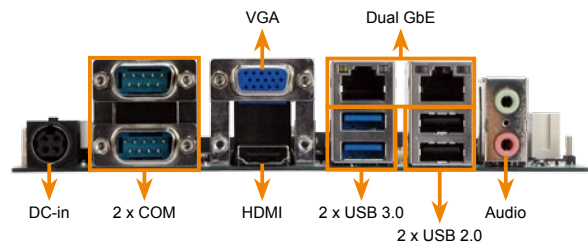
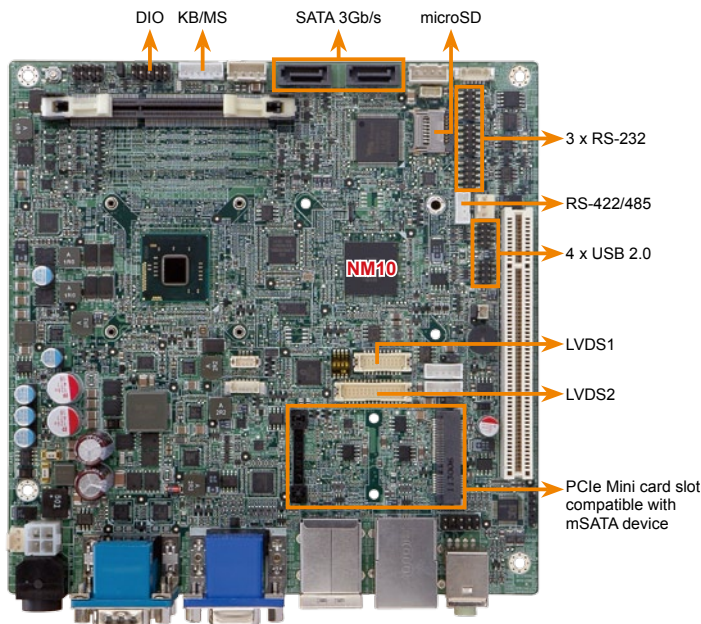


# KINO-CV-D25501 N26001

Mini-ITX SBC with Intel® D2550/N2600 processor, DDR3, VGA/HDMI/Dual LVDS, Dual GbE, USB 3.0, mSATA, SATA 3Gb/s, Audio, RoHS



A. 20mm height heatsink with bracket preinstalled for D2550 series products

B. 15mm height heatsink with bracket preinstalled for N2600 series products



IEI P/N: 34000-000357-RS



IEI P/N: 34000-000356-RS



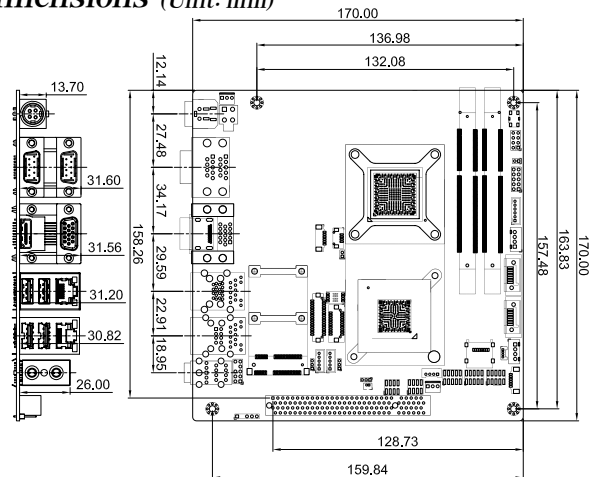
## Specifications

- ◆ CPU
  - 1.86GHz Intel® Atom™ D2550 dual-core processor
  - 1.6GHz Intel® Atom™ N2600 dual-core processor
- ◆ Chipset
  - Intel® NM10
- ◆ BIOS
  - UEFI BIOS
- ◆ Memory
  - 1 x 1066MHz DDR3/DDR3L (1.35V) SO-DIMM up to 4GB (D2550)
  - 1 x 800MHz DDR3/DDR3L (1.35V) SO-DIMM up to 2GB (N2600)
- ◆ Graphic
  - Intel® GMA 3650 with 640 MHz graphic core speed for D2550
  - Intel® GMA 3600 with 400 MHz graphic core speed for N2600
- ◆ Display Output
  - Support dual LVDS, VGA and HDMI for dual independent display
  - 1 x VGA
  - 1 x HDMI
  - LVDS1 integrated in D2550/N2600
  - Single-channel 24-bit LVDS by D2550, resolution support up to 1440x900
  - Single-channel 18-bit LVDS by N2600, resolution support up to 1366x768
  - LVDS2 supports 24-bit dual-channel by CH7511 DP to LVDS converter
- ◆ Ethernet
  - Dual GbE Realtek RTL8111E controller with ASF 2.0 support
- ◆ I/O Interfaces
  - 5 x RS-232
  - 1 x RS-422/485
  - 1 x 6-pin KB/MS
  - 2 x SATA 3Gb/s with 5/12V power connector
  - 6 x USB 2.0
  - 2 x USB 3.0
  - 1 x microSD slot (bootable)
- ◆ Super IO
  - Fintek F81866
- ◆ Digital I/O
  - 8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Expansion
  - 1 x PCIe Mini Card compatible with mSATA SSD storage
  - 1 x PCI
- ◆ Audio
  - Realtek ALC662 HD Audio codec
- ◆ Watchdog Timer
  - Software programmable supports 1~255 sec. system reset by Super I/O
- ◆ Power Supply
  - Maximum input voltage range: 9V ~ 28V
  - Recommend operating input voltage range: 12V ~ 24V
  - 1 x External 4-pin DIN DC jack
  - 1 x Internal 4-pin (2x2) power connector
- ◆ Fan Connector
  - 1 x 3-pin CPU fan connector
  - 1 x 3-pin system fan connector
- ◆ SMBus
  - 1 x 4-pin connector
- ◆ Power Consumption
  - 12V@2.8A (1.86GHz Intel® D2550 CPU with DDR3 1333MHz 4GB DIMM)
  - 12V@2.4A (1.6GHz Intel® N2600 CPU with DDR3 1333MHz 2GB DIMM)
- ◆ 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
- ◆ Operating Humidity
  - 5% ~ 95%, non-condensing
- ◆ Weight
  - GW: 600g/NW: 250g

## Features

1. Mini-ITX form factor with Intel® D2550/N2600 dual-core processor supports DDR3/DDR3L (1.35V) memory
2. Wide range 9V ~ 28V DC input
3. Flexible VGA, dual LVDS and HDMI with dual-display support
4. Complete I/O: six USB 2.0, two USB 3.0, two SATA 3Gb/s, six COM and audio. mSATA SSD capable
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Dimensions (Unit: mm)



## Packing List

1 x KINO-CV-D25501/N26001 single board computer	
2 x SATA with 5V output cable Kit (P/N: 32801-000100-100-RS)	
1 x Dual-port USB cable (P/N: 19800-003100-100-RS)	1 x Mini jumper pack
1 x I/O shielding (P/N: 45014-0038C0-00-RS)	1 x Utility CD
1 x One Key Recovery CD	1 x QIG

## Ordering Information

Part No.	Description
KINO-CV-D25501-R10	Mini-ITX SBC with Intel® Atom™ D2550 1.86GHz, DDR3, VGA/HDMI/Dual LVDS, Dual GbE, USB 3.0, 9 ~ 28V, SATA 3Gb/s, Audio, RoHS
KINO-CV-N26001-R10	Mini-ITX SBC with Intel® Atom™ N2600 1.6GHz, DDR3, VGA/HDMI/Dual LVDS, Dual GbE, USB 3.0, 9 ~ 28V, SATA 3Gb/s, Audio, RoHS
32205-003800-100-RS	RS-422/485 cable
32000-023800-RS	KB/MS Y cable