

KINO-CV-D25501/N26001

Mini-ITX SBC with Intel® D2550/N2600 processor



Features

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

Specifications

| | |
|-----------------------|------------------------------------------|
| CPU Cooler | |
| CPU Cooler | Heatsink |
| Display | |
| Display | Dual display supported |
| | 1 x VGA |
| | 1 x Single-channel 18-bit |
| | (N2600)/24-bit LVDS2 (D2550) |
| | 1 x 24-bit dual-channel LVDS |
| | 1 x HDMI™ |
| Environment | |
| Humidity | 5% ~ 95%, noncondensing |
| 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 |
| | 1 x PCI |
| I/O Interface | |
| Audio | Realtek ALC662 HD Audio codec |
| Digital I/O | 8-bit digital I/O |
| Ethernet | Dual LAN: Realtek RTL8111E PCIe GbE |
| | controller with ASF 2.0 support |
| I/O Interface | 5 x RS-232 |
| | 1 x RS-422/485 |
| | 6 x USB 2.0 |
| | 2 x USB 3.0 |
| | 1 x TPM connector (2x10 pin) |
| | 1 x KB/MS by 6-pin header |
| I/O Interface | |
| I/O Interface | 6 x USB 2.0 |
| | 5 x RS-232 |

| | |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| | 1 x RS-422/485 |
| | 2 x USB 3.0 |
| Power | |
| Power consumption | 12V@2.8A (1.86GHz Intel® D2550 CPU with DDR3 1333MHz 4GB DIMM) |
| | 12V@2.4A (1.6GHz Intel® N2600 CPU with 1333MHz 2GB DDR3 DIMM) |
| System | |
| Chipset | NM10 |
| CPU | Intel® Atom™ Processor D2550 |
| | 1.86GHz |
| | Intel® Atom™ Processor N2600 1.6GHz |
| CPU Socket | On Board |
| Memory Max. | 1 x 204-pin, Max.4GB, 1066 MHz DDR3/ DDR3L (1.35V) SO-DIMM (D2550) |
| | 1 x 204-pin, Max.2GB, 800 MHz DDR3/ DDR3L (1.35V) SO-DIMM (N2600) |
| Storage | 2 x SATA 3Gb/s or 1 x SATA 3Gb/s + 1 x mSATA 1 x microSD slot (bootable)Realtek ALC662 HD Audio codec |
| Watchdog Timer | |
| Watchdog Timer | Software programmable and supports 1~255 sec. system reset |

Ordering Information

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|--------------------|---------------------------------------------------------------------------------------------------------------------------|
| KINO-CV-D25501-R10 | Mini ITX SBC with Intel Atom D2550 1.86 G Hz,DDR3,VGA/HDMI™/Dual LVDS,Dual GbE,USB3.0,USB 3.0,9~28v,SATA 3Gb/s,Audio,RoHS |
| KINO-CV-N26001-R10 | Mini ITX SBC with Intel Atom N2600 1.6 G Hz,DDR3,VGA/HDMI™/Dual LVDS,Dual GbE,USB3.0,USB 3.0,9~28v,SATA 3Gb/s,Audio,RoHS |
| KINO-CV-N28001-R10 | Mini ITX SBC with Intel Atom N2800 1.86 G Hz,DDR3,VGA/HDMI™/Dual LVDS,Dual GbE,USB3.0,USB 3.0,9~28v,SATA 3Gb/s,Audio,RoHS |

Packing List

| | |
|-------------------------------------------------|----------------------|
| 1 x KINO-CV-D25501/N26001 single board computer | 1 x I/O shielding |
| 1 x Dual-port USB cable | 1 x Mini jumper pack |
| 2 x SATA with 5V output cable Kit | 1 x QIG |