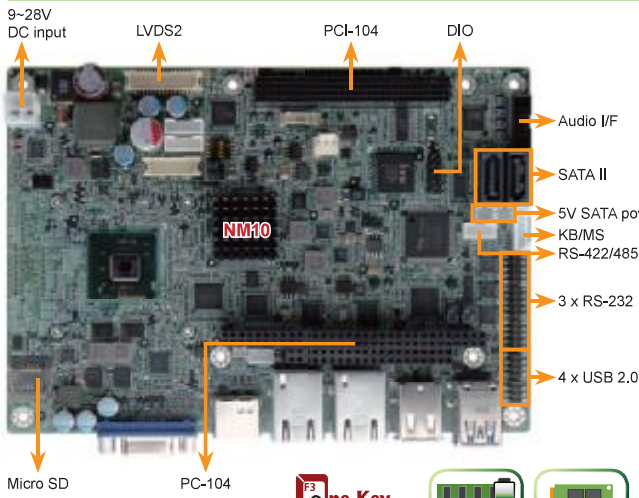


NANO-CV-D27001-N26001

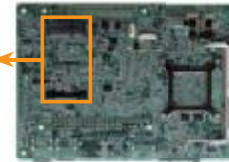
EPIC SBC with Intel® D2700/N2600, DDR3, VGA/HDMI/ Dual LVDS, Dual GbE, USB 3.0, mSATA, SATA II, Audio, RoHS



Micro SD card built-in delivers the most reliable with outstanding performance and excellent endurance.



CPU Heatsink pre-installed on motherboard



PCIe mini card slot compatible with mSATA

DDR3 SO-DIMM support up to 4GB

Solder side



VGA HDMI Dual GbE 2 x USB 2.0 2 x USB 3.0



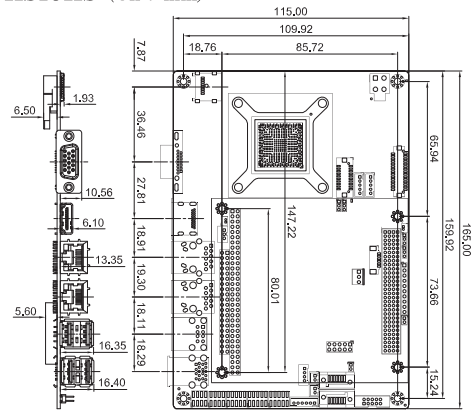
Specifications

- ◆ CPU
Intel® Dual Core D2700 2.13GHz Processor
Intel® Dual Core N2600 1.6GHz Processor
- ◆ Chipset
Intel® NM10
- ◆ BIOS
UEFI BIOS
- ◆ Memory
1 x SO-DIMM DDR3 1066MHz up to 4GB (D2700)
1 x SO-DIMM DDR3 800MHz up to 2GB (N2600)
- ◆ Graphic
GMA 3650 Graphic Core Speed 640MHz for D2700
GMA 3600 Graphic Core Speed 400MHz for N2600
- ◆ Display Output
Analog CRT up to 1920x1200 for D2700/N2600, support for CRT Hot plug
LVDS1 integrated in Cedarview
Single-channel 24-bit LVDS by D2700, resolution support up to 1440x900
Single-channel 18-bit LVDS by N2600, resolution support up to 1366x768
LVDS2 support dual channel 24bit designed by DP to LVDS CH7511
HDMI support up to 1080p
- ◆ LAN
Dual GbE by Realtek RTL8111E controller
- ◆ I/O interface
5 x RS-232 1 x 422/485
6 x USB 2.0 2 x USB 3.0
1 x 6-pin wafer for KB/MS 1 x Micro SD
2 x SATA II with 5V power connector
- ◆ Audio
Realtek ALC662 HD Codec
- ◆ Expansions
1 x PCIe mini card compatible with mSATA SSD device
1 x PC-104+ slot (PCI + ISA)
- ◆ SM Bus
1 x 4 pin wafer connector
- ◆ TPM
1 x 20 pin LPC pin header
- ◆ Watchdog Timer
Software programmable supports 1~255sec System reset by Super I/O
- ◆ Programmable GPIO
8-bit GPIO
- ◆ FAN Connector
1x 3 pin CPU fan connector
1x 3 pin system fan connector
- ◆ Power supply
Maximum input voltage range 9V~28V
Recommend operating input voltage range 12V~24V
1 x internal 2x2pin power connector
- ◆ Power Consumption
TBD
- ◆ Temperature
-10°C ~ 60°C
- ◆ Humidity
5% ~ 95% non-condensing
- ◆ Weight
GW: 670g / NW: 350g

Features

1. EPIC form factor with Intel® D2700/n2600 dual core processor support DDR3 memory
2. Wide range 9~28V DC input design
3. Flexible VGA, dual LVDS and HDMI with dual-display support
4. Support PC-104+, PCIe mini card slot compatible with mSATA SSD storage
5. Complete I/O with 8 x USB, 1 x SATAII, 6 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 NANO-CV-D27001/N26001 Single Board Computer	
1 x KB/MS Y Cable (P/N: 32000-133200-RS)	
1 x Power Cable (P/N: 32100-087100-RS)	
1 x SATA with 5V output Cable (P/N: 32801000201-100-RS)	
1 x Audio Cable (P/N: 32000-072100-RS)	1 x Mini Jumper Pack
1 x USB Cable (P/N: 32001-002700-200-RS)	1 x Utility CD
1 x RS-232 Cable (P/N: 19800-000049-RS)	1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
NANO-CV-D27001-R10	EPIC SBC with Intel® Atom™ D2700 2.13GHz, DDR3, VGA/ HDMI/Dual LVDS, Dual GbE, USB 3.0, mSATA, SATA II, Audio, RoHS
NANO-CV-N26001-R10	EPIC SBC with Intel® Atom™ N2600 1.6GHz, DDR3, VGA/ HDMI/Dual LVDS, Dual GbE, USB 3.0, mSATA, SATA II, Audio, RoHS
32205-003800-100-RS	RS-422/485 cable
32100-147900-RS	Quad RS-232 cable

1

Industrial Computing Solutions

2

Video Capture Solutions

3

Embedded Computing Solutions

4

ORing Network Communication

5

Power Supply/ Peripherals

6

Panel Solutions Introduction