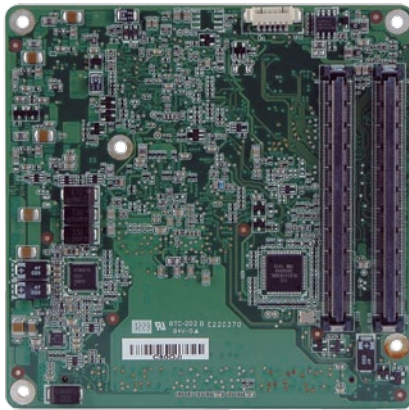
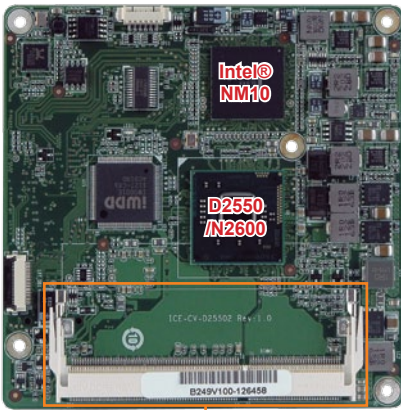


ICE-CV-D25502 N26002

COM Express Rev 2.0 Basic/Compact Type II Modules, Intel® Atom™ D2550 Processor, VGA/LVDS, PCI, GbE, SATA 3Gb/s, USB and Audio, RoHS



Single-Channel DDR3 1066/800 MHz

Dual display by LVDS VGA



New

Full HD decode with support for Blu-ray logo

Cedarview Processor

Dual Core CPU
DX9 Graphics
DDR3 Memory
31nm



Specifications

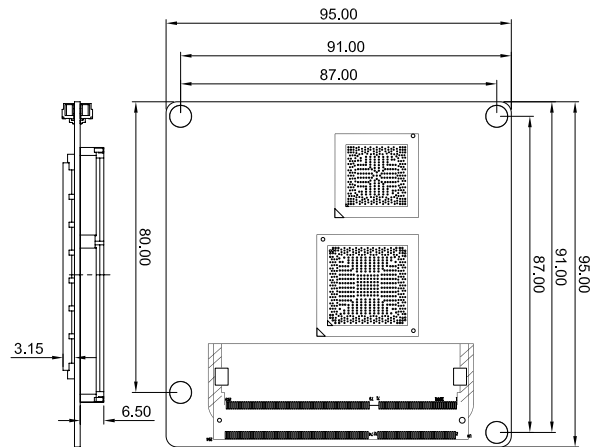
- ◆ Form Factor
PICMG COM Express R2.0 Type II for Compact size
95 mm x 95 mm
10-layers
- ◆ CPU
Intel® Atom™ N2600 dual-core processor 1.6 GHz/512 x 2 L2 cache
Intel® Atom™ D2550 dual-core processor 1.86 GHz/512 x 2 L2 cache
- ◆ PCH
Intel® NM10
- ◆ Memory
Intel® Atom™ N2600 dual-core processor 1.6 GHz/512 x 2 L2 cache (system max. 2GB)
Intel® Atom™ D2550 dual-core processor 1.86 GHz/512 x 2 L2 cache (system max. 4GB)
Supports 1.35V DDR3L
- ◆ BIOS
UEFI BIOS
- ◆ Graphic Engine
Intel® GMA 3650 Graphic core 640 MHz for D2550
Support for DX9, Blu Ray 2.0
MPEG2, h.264, VC-1, 1080p decode
- ◆ Display Output
VGA Integrated in the Intel® N2600/D2550 signal to base board
1 x CRT
1 x single channel LVDS 18/24-bit (N2600: 18-bit ; D2550: 24-bit)
- ◆ Ethernet
RTL RTL8111E-VL-CG Gbe Ethernet
Co-layer RTL8111E-VB-GR
- ◆ Embedded Controller
iWDD (ITE)
- ◆ USB
8 x USB 2.0 signal to base board
- ◆ SATA
2 x SATA 3GB/s signal to base board
- ◆ Audio
High definition audio interface to base board
- ◆ GPIO
YES, to base board
- ◆ SMBus
YES, to base board
- ◆ I2C
YES, to base board
- ◆ LPC
YES, to base board
- ◆ SPI
YES, to base board
- ◆ Serial port
2 serial ports to base board
- ◆ Expansion
3 x PCIe x1 signal to base board
- ◆ PCI
YES, to base board
- ◆ Watchdog Timer
Software programmable support 1~255 sec. system reset (by EC)
- ◆ Power Consumption
+12V@0.45A, Vcore_12V@1.0A
- ◆ Operating Temperature
-10°C ~ 60°C
- ◆ Operating Humidity
5% ~95%, non-condensing
- ◆ Dimensions
95 mm x 95 mm
- ◆ Weight
GW: 60g / NW: 200g



Features

1. Intel® Atom™ N2600/D2550 processors supported
2. Intel® GMA integrates high-performance graphics and media processing
3. Support DDR3 & DDR3L (1.35V) 1066/800MHz, up to 4GB
4. 18/24-bit single-channel LVDS, analog CRT
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Dimensions (Unit: mm)



Packing List

1 x ICE-CV-N26002 Single Board Computer	1 x Heatspreader
1 x Heatsink	1 x Utility CD
1 x One Key Recovery CD	1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
ICE-CV-D25502-R10	COM Express Rev 2.0 Basic/Compact Type II Module, Intel® Atom™ D2550 Processor, VGA/LVDS, PCI, GbE, SATAII, USB and Audio, RoHS
ICE-CV-N26002-R10	COM Express Rev 2.0 Basic/Compact Type II Module Intel® Atom™ N2600 Processor, VGA/LVDS, PCI, GbE, SATAII, USB and Audio, RoHS
ICE-CV-N28002-R10	COM Express Rev 2.0 Basic/Compact Type II Module Intel® Atom™ N2800 Processor, VGA/LVDS, PCI, GbE, SATAII, USB and Audio, RoHS (by project support, MOQ 100pcs / lot)
ICE-DB-9S-R10	Baseboard for COM Express Type II modules

1 Industrial Computing Solutions

2 Video Capture Solutions

3 Embedded Computing Solutions

4 ORing Network Communication

5 Power Supply/Peripherals

6 Panel Solutions Introduction