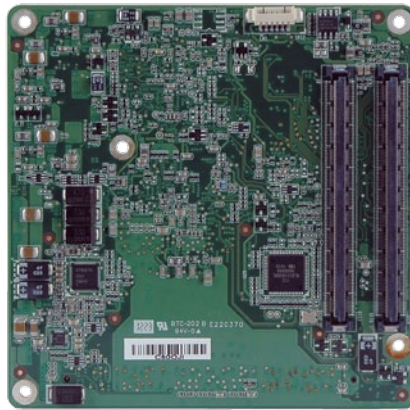
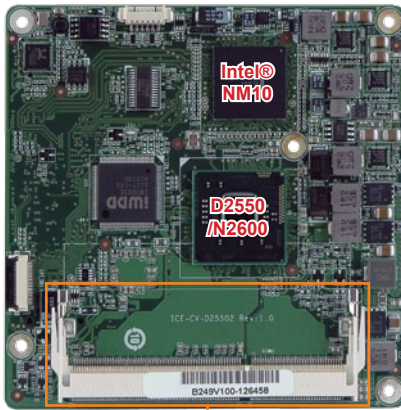


# ICE-CV-D25502-N26002

COM Express Rev 2.0 Basic/Compact Type 2 Modules, Intel® Atom™ D2550 Processor, VGA/LVDS, PCI, GbE, SATA 3Gb/s, USB and Audio, RoHS



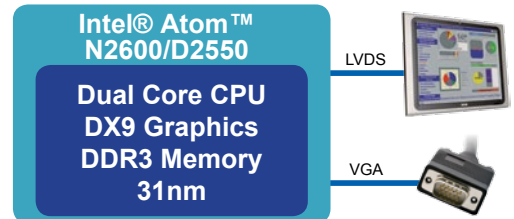
Single-channel DDR3 1066/800 MHz

Dual display by LVDS VGA



**New**

Full HD decode with support for Blu-ray logo



## Specifications

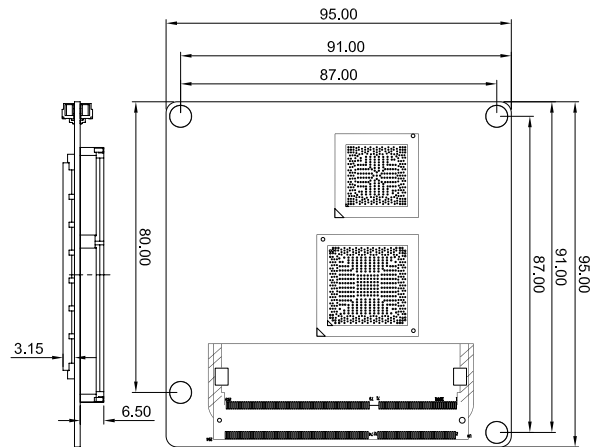
- ◆ Form Factor  
PICMG COM Express R2.0 Type 2 for compact size  
95 mm x 95 mm  
10-layers
- ◆ CPU  
Intel® Atom™ N2600 dual-core processor 1.6 GHz (two 512KB L2 cache)  
Intel® Atom™ D2550 dual-core processor 1.86 GHz (two 512KB L2 cache)
- ◆ PCH  
Intel® NM10
- ◆ Memory  
Intel® Atom™ N2600 dual-core 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
- ◆ Graphics Engine  
Intel® GMA 3650 Graphics core 640 MHz for D2550  
Support for DX9, Blu Ray 2.0  
MPEG2, h.264, VC-1, 1080p decode
- ◆ Display Output  
VGA integrated in Intel® N2600/D2550 (signal to baseboard)  
1 x CRT  
1 x 18/24-bit single-channel LVDS (N2600: 18-bit ; D2550: 24-bit)
- ◆ Ethernet  
Realtek RTL8111E-VL-CG GbE controller  
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 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: 600g / 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 2 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 2 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 2 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 2 modules