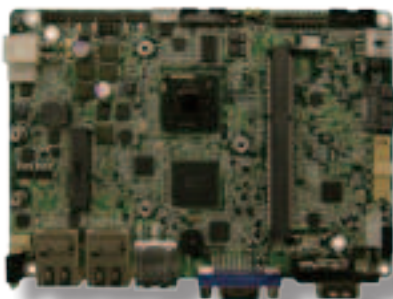




EasyBoard-650E

Wide-Range Temperature 3.5" Intel® Atom™ N2600 Compact Board



Features

- Soldered Onboard Intel® Atom™ N2600 Processor
- Single Channel 18-bit LVDS and DVI-I Port Support
- Support RS-485 Auto-flow Control
- **Wide Range Operating Temp.: -40 ~ 85 °C**

System

CPU	Soldered onboard Intel® Atom™ N2600 at 1.6GHz processor
Memory	1 x DDR3 SO-DIMM socket, supporting 1066MHz SDRAM up to 2GB
Chipset	Intel® PCH NM10
BIOS	AMI UEFI BIOS
Watchdog Timer	1~255 levels reset

I/O

Super IO Chipset	Fintek F81866D
Serial Port	2 x COM ports (1 x RS-232 port, 1 x RS-232/422/485 selectable port)
USB Port	6 x USB 2.0 ports
Digital I/O	8-bit programmable Digital Input/Output
Expansion Bus	1 x Mini-card socket
Storage	1 x Serial ATA port with 300MB/s HDD transfer rate 1 x CFast socket
Ethernet Chipset	2 x Intel® 82583V PCIe GbE controllers
AUDIO/ Interface	Realtek ALC662 5.1 Channel HD Audio CODEC, Mic-in/ Line-in/ Line-out

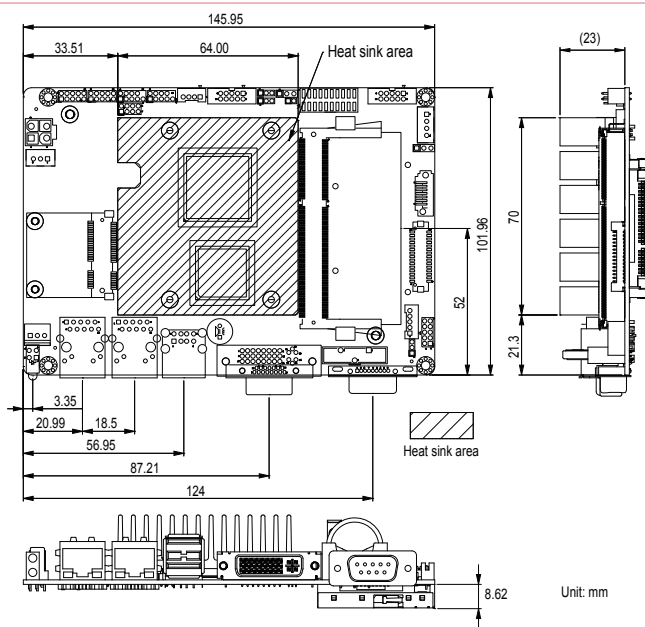
Display

Graphics Chipset	Integrated Intel® Graphics Media Accelerator 3650/ 3600
Graphics Interface	Analog RGB supports resolution up to 1920x1200@60Hz DVI-I: support Analog RGB up to 1920 x 1200 @60Hz; DVI up to 1920 x 1200 @60Hz Single Channel 18-bit LVDS Support Dual Independent Displays

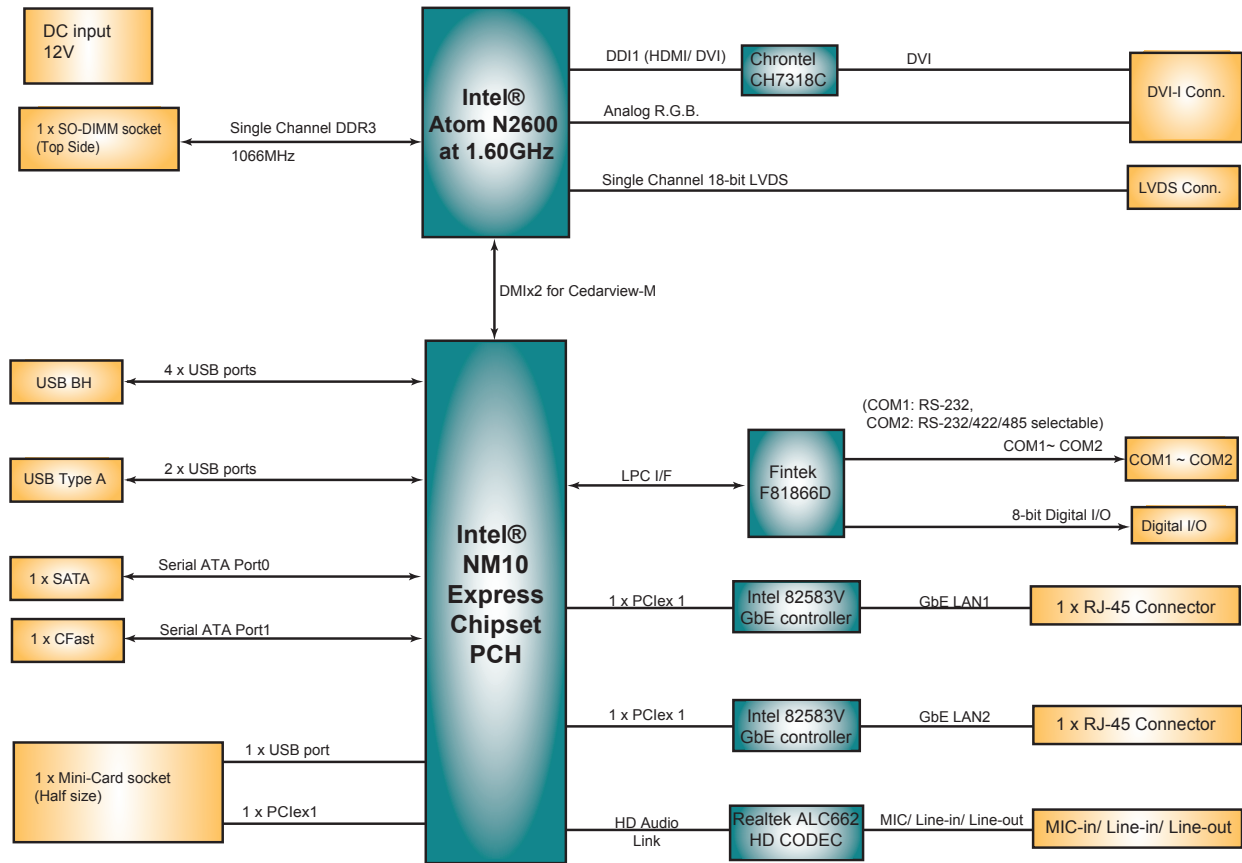
Mechanical & Environmental

Power Requirement	+12V DC
Power Consumption	1.26A@+12V (Typical)
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10 ~ 95% @ 85°C (non-condensing)
Dimensions (L x W)	146 x 102 mm (5.7" x 4.0")

Dimensions



Block Diagram



Ordering Information

EasyBoard-650E

Intel® Atom™ N2600 WT 3.5" Compact Board with CFast socket

Optional Accessories

CBK-06-2501-00

- Cable Kit
- 1 x COM port cables
 - 1 x audio cable
 - 2 x USB cables
 - 1 x SATA cable
 - 1 x SATA power cable