

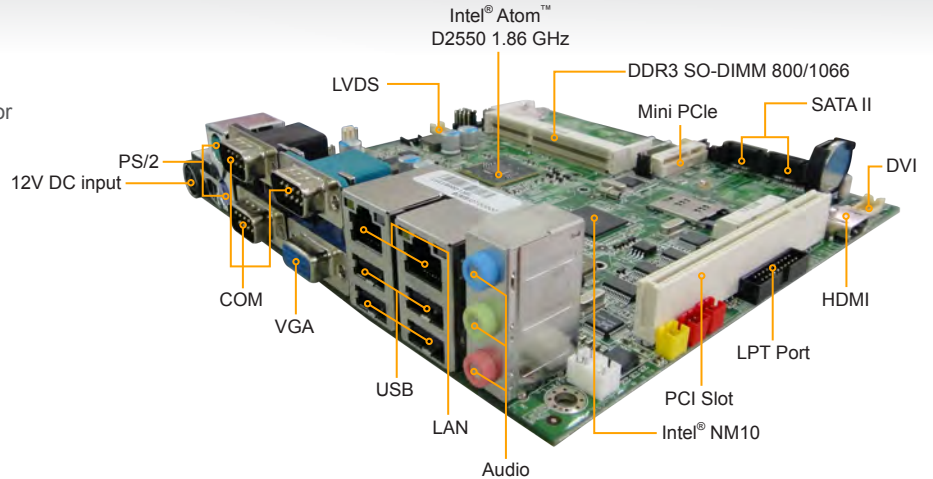
ID70 Mini-ITX SBC

Intel® ATOM Dual Core D2550 1.86GHz Single Board Computer

W/DC 12V Input

Features

- Intel® Atom™ Dual Core D2550 1.86GHz Processor
- Mini ITX Form Factor
- DDR3 800/1066MHz dual-channel SDRAM supported up to 4GB
- 12V DC Power Input
- Single-channel 24 bit LVDS

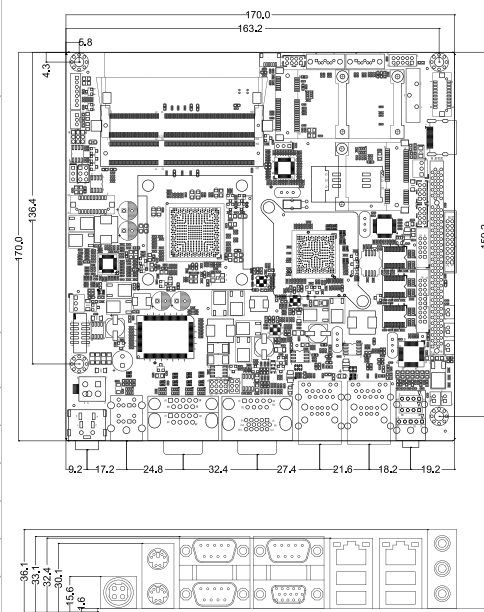


Specification		
System Specification	CPU	Intel® Atom™ Dual Core D2550 1.86GHz Processor
	System Memory	Dual DDR3 800/1066 MHz SO-DIMM Slot, Max. 4GB
	Chipset	NM10
	BIOS Flash	AMI UEFI Flash
	Super IO Chipset	Fintek F81865
Display Specification	LCD Interface	Single-channel 24 bit LVDS Up to 1440 x 900 @ 60Hz
	Graphic Resolution	VGA Mode : Up to 1920 x 1200 @ 60Hz DVI : 1920 x 1200 @ 60Hz
	Multiple Display	Dual display
Audio	Codec	Realtek ALC886 HD Audio Codec
	Audio Interface	Line-in, Line-out, Mic in
Ethernet	LAN	Dual Broadcom BCM57780 GbE controller
	Ethernet Interface	1000 Base-Tx Gigabit Ethernet Compatible
I/O Ports Specification	Rear I/O	2 x RJ-45 2 x PS/2 (Keyboard/Mouse) 2 x RS-232 1 x RS232/422/485 4 x USB 2.0 1 x VGA 1 x Audio Jack (Mic-in/Line-in/ Line-Out) 1 x DC-in Power Jack (+12V)
	Internal I/O	3 x RS-232 by pin-header 4 x USB 2.0 by pin-header 1 x LVDS by 2 x 10 pin-header 1 x DVI (via DF-13 connector) 2 x SATA II 1 x Digital I/O (8 ports GPIO) 1 x Power-input 2x2-pin connector 1 x HDMI 1 x SIM Slot 1 x LPT
	Expansion Slot	2 x Mini PCIe (1 for WiFi, 1 for 3G Module) 1 x PCI
Mechanical and Environment	Dimensions (W x L x H)	170 x 170 (mm)
	Operating Temperature	0 deg.C to 50 deg.C
	Storage Temperature	-20 deg.C to 60 deg.C (-4 deg.F to 140 deg.F)
	Humidity	10~95% RH@400C, non-condensing
Power Management	Power Requirement	12V DC-IN Power Jack
	Power Consumption	12W (D2550+NM10)
Operation System	OS Support	Windows 7 embedded, WindowsXP embedded
Packing List		ID70-100 Single Board Computer ID70 SBC User Manual V1.0 ID70 Manual & Driver CD V1.0

Bottom View



Board Dimension



Rev.	Reasons	Revised Date
1.2	Spec change	Apr.11.12
1.3	Spec change	Apr.13.12