

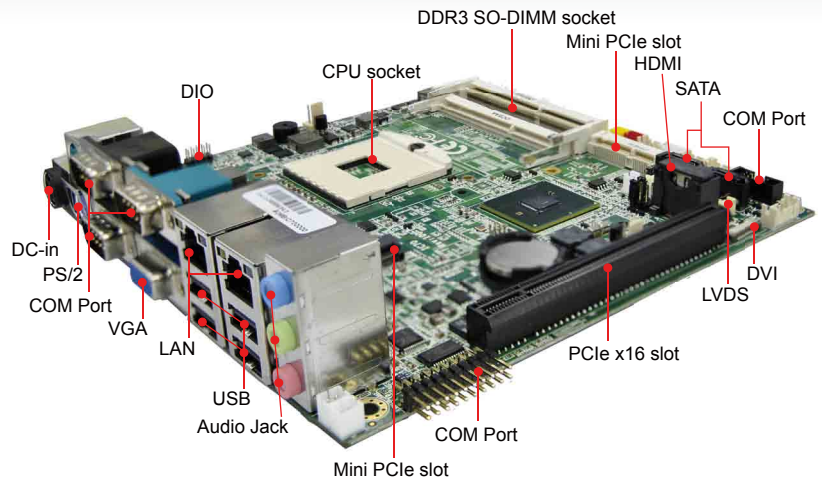
IC70 Mini-ITX SBC

Intel® Core™ i7/i5/Celeron® Processor, Mini-ITX Motherboard

W/DC 12V Input

Features

- Socket G1 for Intel® Core™ i7 / i5 / Celeron® Processor
- Mini ITX Form Factor
- DDR3 800/1066MHz dual-channel SDRAM supported up to 8 GB
- 12V Single Voltage Power Input
- Dual display supported by VGA / dual-channel 24-bit LVDS / HDMI / DVI

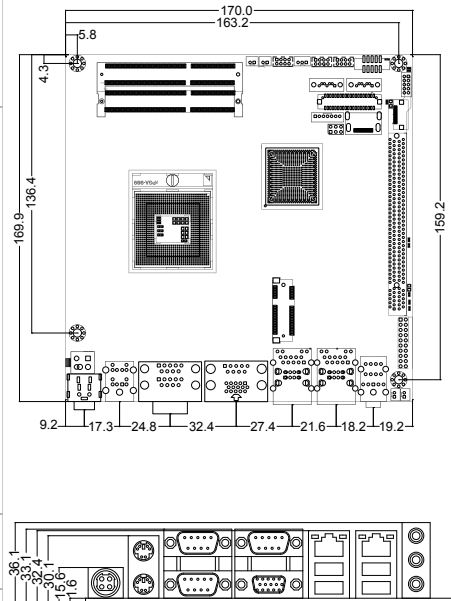


Specification		
System Specification	CPU	Socket G1 (PGA988) Intel® i7/i5 processor with 1066/800 MHz FSB (Arrandale Core)
	System Memory	Two DDR3 1066/800MHz SO-DIMM supported (system max. 8GB)
	System Chipset	Intel® 5 series Chipset (HM55)
	BIOS	AMI UEFI BIOS
	Super IO Chipset	Winbond W83628UHG
Display Specification	Display Interface	Integrated Gfx Gen5.75, supports DirectX 10 and OpenGL 2.1
		Analog monitor resolution up to 2048 x 1536 @75Hz
		HDMI/DVI interface, supports max. resolution 1920 x 1200 @60Hz
Audio		Realtek ALC886 HD codec (Line-in, Line out, Mic-in)
Ethernet		Dual Broadcom BCM57780 PCIe GbE LAN controller
I/O Ports Specification	Rear I/O	4 x USB 2.0 2 x RS-232 (COM3, COM4) 1 x RS-232/422/485 (COM1) 2 x RS-45 for LAN 1 x VGA 1 x Audio Jack (Line-in, Line-out, Mic-in) 2 x PS/2 (KB/MS) 1 x (+12V) DC-in Power Jack
	Internal I/O	1 x RS-232 (COM2) 2 x RS-232 (COM5, COM6) by one 90°2x10-pin pin-header 4 x USB 1 x HDMI connector (Erect Type) 1 x DVI by FPC connector 1 x LDVS 2 x SATA II 1 x 2x4-pin wafer-header for SATA power 2 x 2-pin pin-header fro speaker (with Amplifier): Left, Right 1 x 10-pin pin-header for DIO 1 x 3-pin digital panel acklight brightness controller 1 x 7-pin inverter 1 x 2x2-pin DC-in 12V connector 1 x 10-pin wafer-header for Front Panel(2x5) 1 x 2-pin wafer-header for +5V external power (Red) 1 x 2-pin wafer-header for 12V external power (Yellow) 1 x 3-pin pin-header for System Fan (smart fan) 1 x 3-pin pin-header for CPU Fan (smart fan)
	Expansions Slot	1 x Mini PCIe Slot with USB interface (for Half size module) 1 x Mini PCIe Slot with USB interface (for Full size module) 1 x PCIe (x16) slot
Mechanical and Environment	Dimensions (W x L)	170 x 170 mm
	Operating Temperature	0 ~ 60°C
	Operating Humidity	5% ~ 95%, non-condensing
Power Management	Power Supply	+12V Power Input
Packing List		IC70-100 Single Board Computer IC70 SBC Use Manual V1.0 IC70 Manual & Driver CD V1.0

Bottom View



Board Dimension



Rev.	Reasons	Revised Date
1.0	First release	Mar.09.11