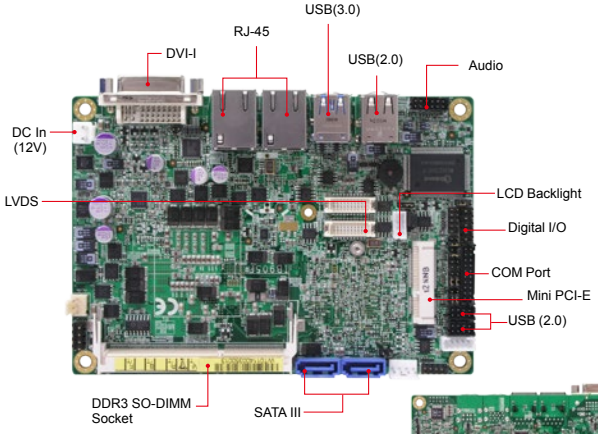
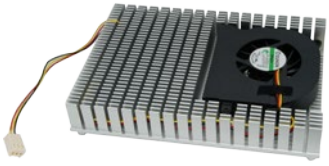
IB905

3rd Generation Intel® Core™ i7/i5/i3/Celeron® 3.5" Disk-Size SBC w/ Intel® QM67 PCH

3rd Generation Intel® Core™ i7/i5/i3-Based





Features

- Supports 3rd Generation Intel® Core™ i7/i5/i3 / Celeron® processors, up to 2.6GHz
- 1x DDR3 SO-DIMM, Max. 8GB
- Supports DVI-I and LVDS(24-bit dual channel)
- Dual Gigabit LAN
- Watchdog timer
- 6x USB 2.0, 2x USB 3.0, 2x COM, 2x SATA III

System

CPU	rPGA988B for 3rd Generation Intel® Core™ i7/i5/i3/ Celeron® processors, up to 2.6GHz
System Memory	1x DDR3 SO-DIMM, Max. 8GB (Non-ECC)
System Chipset	Intel® QM67 PCH
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E - w/ USB signal (Half-Size)

Graphics

VGA Controller	Intel® Core™ i7/i5/i3/Celeron® processor integrated Gfx Gen 5.75
VGA Memory	Max. shared memory – 1024MB
Display Interface	Support VGA , DVI and 24-bit dual channel LVDS

Ethernet

Controller	Intel® 82579V Gigabit LAN PHY Intel® 82583V PCI-E Gigabit LAN
Connector	2x RJ-45 on board

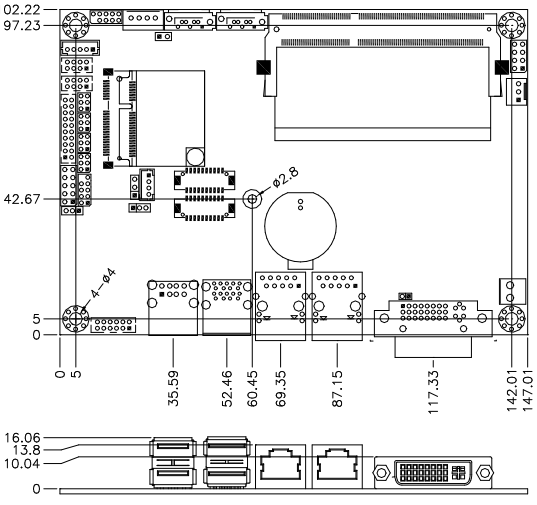
Multi I/O

I/O Chipset	Fintek F81865-I 1x RS232, 1x RS-232/422/485, 2x SATA III
USB	2 ports on board (USB 3.0) 2 ports on board, 4 ports via pin header (USB 2.0)
Audio	Intel® QM67 built-in HD audio controller w/ Realtek ALC662 Codec for 5.1 CH
Others	Digital I/O, +12V DC In, 1x smart battery

Mechanical and Environmental

Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	Intel® Core™ i72710QE @ 2.10GHz w/ Transcend DDR3 2GB/1333 +12V : 3.79A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-40°F~167°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IB905F	rPGA988B for Intel® 2nd Generation Core™ i7/i5/ i3 & Celeron® 3.5" SBC w/ DVI-I(CRT+DVI)+24-bit LVDS & Dual GbE LAN
IB63	Cable kit for IB905F, w/ SATA + Power cable, COM, USB, Audio, Power cable
HSIB905-PGA	Heatsink w/ fan for IB905

Dimensions