

# IB906

## 3.5" Disk-Size SBC

Intel® Celeron® 807UE 3.5-inch Disk-Size SBC w/ Intel® HM65 PCH

# IB905

## 3.5" Disk-Size SBC

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



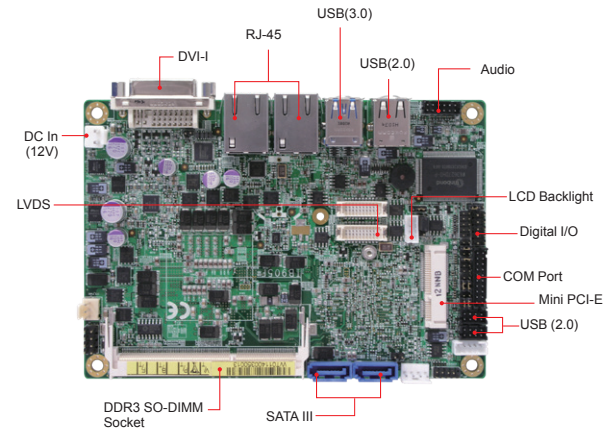
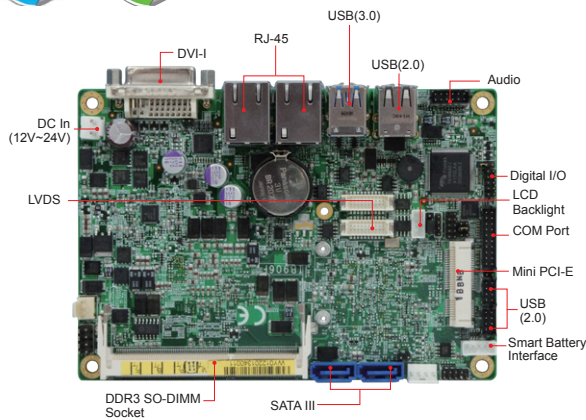
1 Embedded Systems

2 CPU Modules

3 Disk-Size SBCs

4 Motherboards

5 CPU Cards



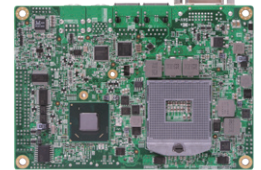
### Features

- Onboard Intel® Celeron® 807UE Processors, 1.0GHz
- 1x DDR3 SO-DIMM, Max. 8GB
- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- 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



### Features

- Supports 3rd Gen 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



### Specifications

CPU	Intel® Celeron® 807UE Processors, 1.0GHz
System Memory	1x DDR3 SO-DIMM, Max. 8GB (Non-ECC)
System Chipset	Intel® HM65 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E - w/ USB signal (full-size)
VGA Controller	Intel® Celeron® processor integrated graphics Gen 5.75
VGA Memory	Max. shared memory – 1024MB
Display Interface	Supports VGA, DVI and 24-bit dual-channel LVDS
LAN Controller	Intel® 82579V Gigabit LAN PHY Intel® 82583V PCI-E Gigabit LAN
Connector	2x RJ-45 on board
I/O Chipset	Fintek F81866AD-1 1x RS232 1x RS232/422/485 (jumperless select)
USB	2x USB 3.0 on board 2x USB 2.0 on board, 4x USB 2.0 via pin header
Serial ATA	2x SATA III
Audio	Intel® HM65 built-in HD audio controller w/ Realtek ALC662 Codec for 5.1 CH
Others	Digital I/O, +12V ~+24V DC in, iSMART
Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	Intel® Celeron® 807UE 1.0 GHz w/ 2GB DDR3-1333 +12V: 1.8A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

### Ordering Information

IB906-1G	Intel® Celeron® 807UE 3.5-inch Disk-Size SBC w/ DVI-I-(CRT+DVI), 24-bit LVDS & Dual GbE LAN, iSMART, 12V~24V DC-in
HSIB906-BGA	Heatsink for IB906-1G
IB63	Cable kit w/ SATA + power cable, COM, USB, audio, power cable

### Specifications

CPU	rPGA988B for 3rd Gen 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
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E - w/ USB signal (half-size)
VGA Controller	Intel® Core™ i7/i5/i3/Celeron® processor integrated graphics Gen 5.75
VGA Memory	Max. shared memory – 1024MB
Display Interface	Supports VGA, DVI and 24-bit dual-channel LVDS
LAN Controller	Intel® 82579V Gigabit LAN PHY Intel® 82583V PCI-E Gigabit LAN
Connector	2x RJ-45 on board
I/O Chipset	Fintek F81865-1 1x RS232, 1x RS232/422/485
USB	2x USB 3.0 on board 2x USB 2.0 on board 4x USB 2.0 via pin header
Serial ATA	2x SATA III
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
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 (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

### Ordering Information

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