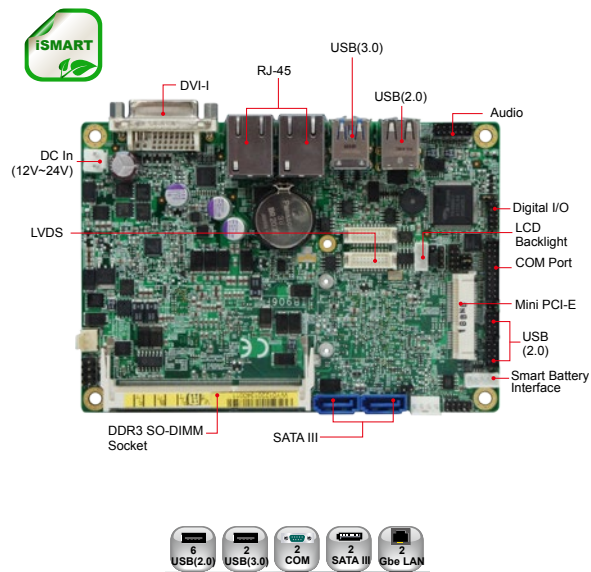




Features

- 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



System

CPU	Intel® Celeron® 807UE Processors, 1.0GHz
System Memory	1x DDR3 SO-DIMM, Max. 8GB (Non-ECC)
System Chipset	Intel® HM65 PCH
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E - w/ USB signal (full-size)

Graphics

VGA Controller	Intel® Celeron® processor integrated graphics Gen 5.75
VGA Memory	Max. shared memory – 1024MB
Display Interface	Support 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

Multi I/O

I/O Chipset	Fintek F81866AD-I 1x RS232 1x RS232/422/485 (jumperless select) 2x SATA III
USB	2 ports USB 3.0 on board 2 ports USB 2.0 on board, 4 ports USB 2.0 via pin header
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

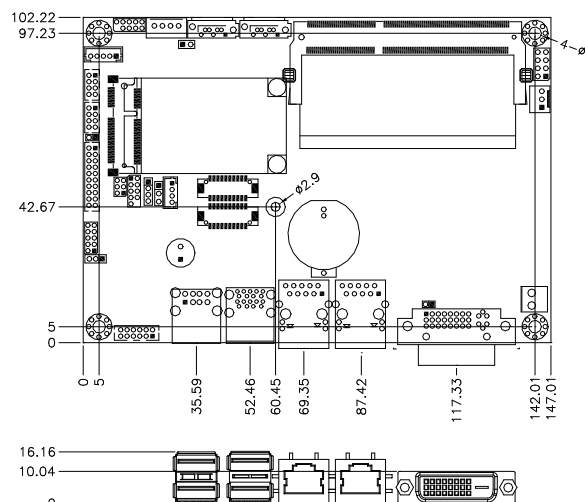
Mechanical and Environmental

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	10%~90% (non-condensing)

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

Dimensions Drawing



Mouser Electronics

Authorized Distributor

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IBASE:

[EMB-IB906F-1G](#) [IB906F-1G](#)