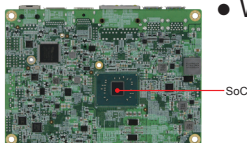
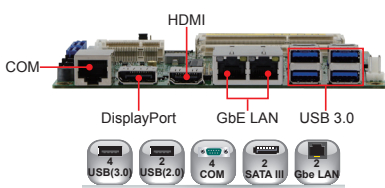
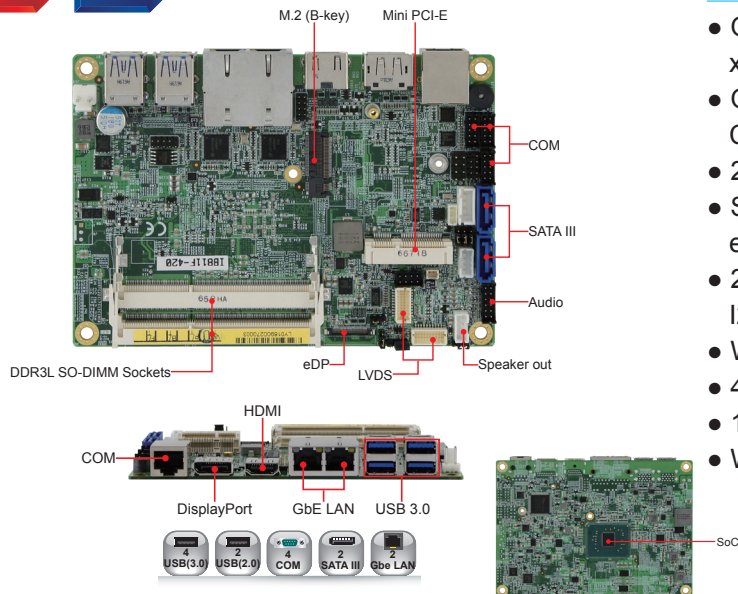


NEW

Wide Temperature



## Features

- Onboard Intel® Atom™ x7-E3950 @ 2.0GHz or x5-E3930 SoC @1.8GHz [i-Temp support]
- Onboard Intel® Pentium® N4200 @ 2.5GHz or Celeron® N3350 @ 2.4GHz
- 2x DDR3L-1866/1600 SO-DIMM, Max. 8GB
- Supports HDMI(1.4b), DisplayPort and eDP / 24 bit dual channel LVDS
- 2x Intel® I210IT PCI-E Gigabit LAN or I211AT PCI-E Gigabit LAN
- Watchdog timer, Digital I/O, mSATA, EuP/ErP
- 4x USB3.0, 2x USB 2.0, 4x COM, 2x SATA III
- 1x Mini PCI-E slots (Full-sized), 1x M.2 (B-key)
- Wide temperature supported by specified models

## System

CPU	Intel® Atom™ QC x7 /E3950 (1.6GHz~2.0GHz, 2MB cache) Intel® Atom™ DC x5 / E3930 (1.3GHz~1.8GHz, 2MB cache) Intel® Pentium® QC N4200 (1.1GHz~2.5GHz, 2MB cache) Intel® Celeron® DC N3350 (1.1GHz~2.4GHz, 2MB cache)
System Memory	2x DDR3L SO-DIMM, Max 8GB (Non-ECC)
System Chipset	Integrated in Intel® SoC
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	1x mSATA
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E (Full-sized), 1x M.2 (B-key)

## Graphics

VGA Controller	Intel® SoC integrated Gen9 18EUs Gfx
VGA Memory	Shared memory
Display Interface	Supports HDMI(1.4b), DP(1.2), eDP/24-bit dual channel LVDS

## LAN

Controller	2x Intel® I210IT or I210AT PCIe Gigabit LAN
Connector	2x RJ-45 on board

## Multi I/O

I/O Chipset	Fintek F81846AD-I 1x RS-232/422/485(Jumperless selection) 3x RS232, 2x SATA III
USB	4 ports on board (USB3.0) 2 ports for pin-header (USB2.0)
Audio	Intel® Atom™ SoC built-in HD audio controller + Realtek ALC283QHD Codec w/ class-D speaker amplifier
Others	Digital I/O, +9V~ +36V DC-In., EuP/ErP, Wide temperature

## Mechanical and Environmental

Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	TBD
Operating Temperature	-40°C~85°C or 0°C~60°C ( -40°F~185°F or 32°F~140°F )
Storage Temperature	-40°C~110°C ( -40°F~230°F)
Relative Humidity	90% (non-condensing @60°C)

## Ordering Information

IB811F-150	3.5", Intel® Atom™ x7 / E3950 (1.6~2.0GHz), dual GbE LAN, HDMI, DisplayPort & eDP or LVDS (24-bit LVDS dual channel), mSATA, M.2, EuP/ErP, 9V~36V DC-in, Wide Temp. support
IB811F-130	3.5", Intel® Atom™ x5 / E3930 (1.3~1.8GHz), dual GbE LAN, HDMI, DisplayPort & eDP or LVDS (24-bit LVDS dual channel), mSATA, M.2, EuP/ErP, 9V~36V DC-in, Wide Temp. support
IB811F-420	3.5", Intel® Pentium® N4200 (1.1~2.5GHz), dual GbE LAN, HDMI, DisplayPort & eDP or LVDS (24-bit LVDS dual channel), mSATA, M.2, EuP/ErP, 9V~36V DC-in
IB811F-335	3.5", Intel® Celeron® N3350 (1.1~2.4GHz), dual GbE LAN, HDMI, DisplayPort & eDP or LVDS (24-bit LVDS dual channel), mSATA, M.2, EuP/ErP, 9V~36V DC-in
HSIB811-BGA	Heatsink for IB811