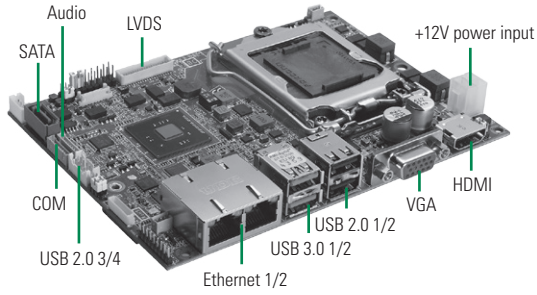
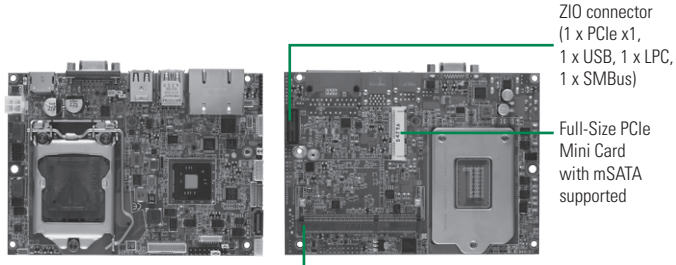
CAPA880

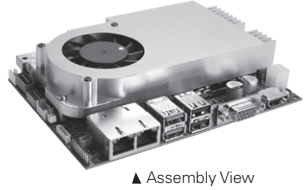
3.5" Embedded SBC with LGA1150 Socket 4th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor, Intel® H81, LVDS/VGA/HDMI, Dual LANs and Audio

Features

- LGA1150 socket 4th gen Intel® Core™ i7/i5/i3 & Celeron® processor
- Intel® H81 chipset
- 1DDR3-1600 SO-DIMM, up to 8GB
- 2 USB 3.0 and 4 USB 2.0 ports
- 1 COM and 2 Gigabit LAN ports







▲ Assembly View

DDR3 | PCIe Mini | +12V | AiRD | Full Solid Cap Design | DualView

Core System

CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor
System Memory	1 x 204-pin DDR3-1600 SO-DIMM, up to 8GB
Chipset	Intel® H81
BIOS	AMI UEFI BIOS
SSD	N/A
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x USB 3.0, 1 x PCIe x1, 1 x LPC, 1 x SMBus through a ZIO connector
Battery Lithium	Lithium 3V/220mAH
Power Input	2 x 2-pin connectors +12V DC-in only AT Auto Power On function supported
Size	146 x 104 mm
Board Thickness	1.6 mm
Temperature	-20°C ~ +55°C (-4°F ~ 131°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x RS-232/422/485 with +5V/+12V powered
SATA	1 x SATA-600
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	1 port 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i211AT 1 port 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i218LM
Audio	HD Codec audio as MIC-in/Line-in/Line-out with Realtek ALC662
USB	2 x USB 3.0 4 x USB 2.0
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	8 channels IN/OUT programmed

Display

Chipset	Intel® integrated Gfx graphic engine
Memory Size	Share system memory
Display Interface	1 x VGA 1 x LVDS; 18/24-bit single/dual channel 1 x HDMI

Packing List

Standard
Quick installation guide, User's Manual/Utility CD and cable

Cable

Part Number	Description	Qty
59380880250E	1 x COM, P=1.25 mm, L=250 mm	1
59312260020E	Audio Cable w/bracket, P=1.25 mm, L=450 mm	1
59382631000E	2 x USB 2.0 wafer cable w/bracket, L=180 mm	1
5078E880100E	Cooler	1

Ordering Information

Standard	
CAPA880VHGGA-H81 (P/N: E38E880102)	3.5" Embedded SBC with LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® H81 chipset, VGA/LVDS/HDMI, 2 GbE LANs, audio and gift box
CAPA880VHGGA-H81-ZIO (P/N: E38E880100)	3.5" Embedded SBC with LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® H81 chipset, VGA/LVDS/HDMI, 2GbE LANs, audio and ZIO connector

Optional	
AX93262 (P/N:E393262100)	ZIO module w/ four COM ports and one PCIe Mini Card
AX93285 (P/N: E393285100)	ZIO module w/ two COM ports and 32-bit programmable DIO
AX93291 (P/N: E393291100)	ZIO module w/ two COM ports and 2 Gigabit Ethernet
AX93295 (P/N: E393295100)	ZIO module w/ two isolated COM ports and two USB 3.0

* All specifications and photos are subject to change without notice.