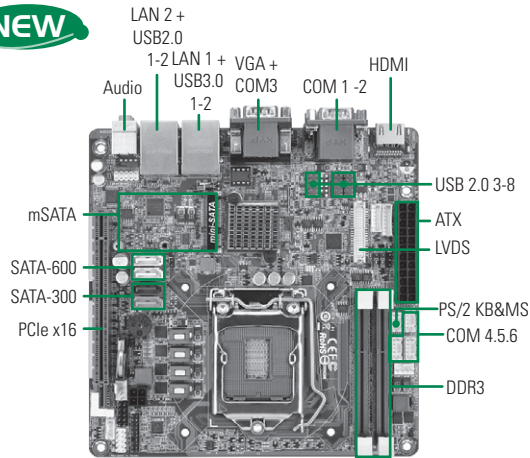


MANO881

LGA1150 Socket 4th Generation Intel® Core™ i7/ i5/ i3/ Celeron® Mini-ITX SBC with Intel® H81 PCH, HDMI/VGA/LVDS, Dual LAN and USB 3.0

NEW



System

CPU	LGA1150 Socket 4th Generation Intel® Core™ i7/i5/i3/ Celeron® processor (Haswell)
System Memory	2 x 204-pin SO-DIMM dual channel DDR3-1333/1600, max. up to 16 GB
Chipset	Intel® H81
BIOS	AMI
SSD	N/A
Watchdog Timer	255 level, 1 ~ 255 sec
Expansion Interface	1 x PCIe x16 Gen2 1 x mSATA
Battery	Lithium 3V/220 mAh
Power Requirements	TBD
Size/Weight	170 x 170 mm
Temperature	0° ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 PS/2 header support KB & MS 3 x RS-232/422/485 (COM 1 ~ 3) 3 x RS-232 (COM 4 ~ 6) COM1 ~ 6 with 5V/12V power select
SATA	2 SATA-300 2 SATA-600
Hardware Monitoring	Detect CPU/System temperature, voltage and fan speed
Ethernet	1st port as 10/100/1000 Mbps supports WOL, PXE with Intel® i217LM (LAN1) 2nd port as 10/100/1000 Mbps supports WOL, PXE with Intel® i210 (LAN2)
Audio	HD Audio as Mic-in/Line-out with Realtek ALC662
USB	2 x USB 3.0 8 x USB 2.0
TPM	N/A
Digital I/O	8 Channels programmable
SM BUS	N/A

Features

- LGA1150 Socket 4th generation Intel® Core™ i7/ i5/ i3/ Celeron® processors (Haswell)
- 2 DDR3-1333/1600MHz max. up to 16 GB
- PCIe x16 Gen2 supported
- 1 mSATA supported
- 2 SATA-600, 2 SATA-300 supported
- 2 USB 3.0 and 8 USB 2.0 ports
- Dual view display
- Display: HDMI/VGA/LVDS

Display

Chipset	Intel® HD 5000 series Graphics
Memory Size	Shared Memory
Display Interface	1 x HDMI 1 x VGA 1 x LVDS

Packing List

Standard
I/O Bracket

SBC
Services
and Solutions

Systems
on
Modules

Embedded
SBCs
>EPIC

Embedded
SBCs
>3.5" Capa

Embedded
SBCs
>Nano-ITX

Embedded
SBCs
>Pico-ITX

Embedded
SBCs
>PC/104

Industrial
Mother-
boards

Slot
CPU
Cards

Accessories

Appendix