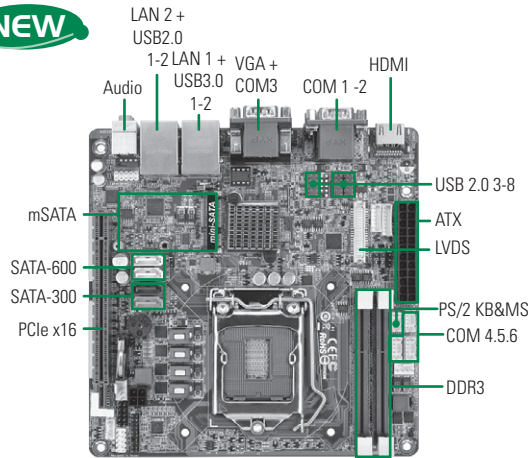


MANO881

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

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Services
and Solutions

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on
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>Pico-ITX

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SBCs
>PC/104

Industrial
Mother-
boards

Slot
CPU
Cards

Accessories

Appendix

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 |