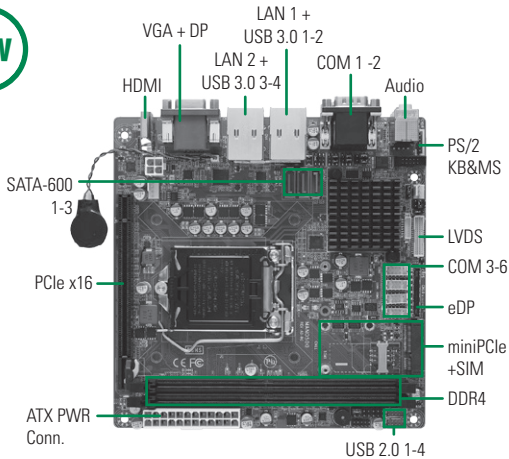


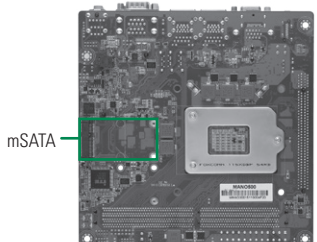
# MANO500

LGA1151 Socket 6th Generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® Mini-ITX SBC with Intel® H110, HDMI/DP/VGA/LVDS/eDP, Dual LAN and USB 3.0

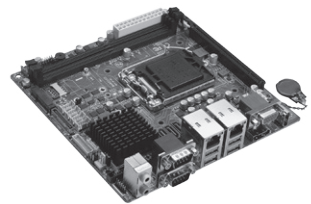


## Features

- LGA1151 socket 6th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (Skylake)
- 2 DDR4-2133 MHz max. up to 32 GB
- 1 PCIe x16 slot
- 1 miniPCIe and SIM card slots
- 3 SATA-600 & 1 mSATA
- 4 USB 3.0 and 4 USB 2.0



▲ Rear view



▲ Side view

### System

|                     |  |
|---------------------|--|
| CPU                 | LGA1151 socket 6th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor |
| System Memory       | 2 x 288-pin LONG-DIMM dual channel DDR4-2133, max. up to 32 GB                     |
| Chipset             | Intel® H110  |
| BIOS                | AMI  |
| SSD                 | N/A  |
| Watchdog Timer      | 255 level, 1 ~ 255 sec   |
| Expansion Interface | 1 x PCIe x16<br>1 x mSATA<br>1 x miniPCIe<br>1 x SIM card slot                     |
| Battery             | Lithium 3V/220 mAh   |
| Power Requirements  | TBD  |
| Size/Weight         | 170 x 170 mm   |
| Temperature         | 0°C ~ +60°C (32°F ~ 140°F), Operation  |
| Operation Humidity  | 10% ~ 95% relative humidity, non-condensing  |

### Display

|                   |   |
|-------------------|---|
| Chipset           | Intel® HD Graphics 530/510  |
| Memory Size       | Shared Memory   |
| Display Interface | 1 x HDMI<br>1 x VGA<br>1 x DP<br>1 x LVDS<br>1 x eDP (co-lay with LVDS) |

### Packing List

|                 |  |
|-----------------|--|
| <b>Standard</b> |  |
| I/O Bracket     |  |

### I/O

|                     |  |
|---------------------|--|
| MIO                 | 1 x PS/2 KB & MS<br>2 x RS-232/422/485(COM1-2)<br>4 x RS-232(COM3-6);<br>COM1 with 5V/12V power select   |
| SATA                | 3 x SATA-600<br>1 x mSATA  |
| Hardware Monitoring | Detect CPU/System temperature, voltage and fan speed   |
| Ethernet            | 1st port as 10/100/1000 Mbps supports WOL, PXE with Intel® i219LM (LAN1)<br>2nd port as 10/100/1000 Mbps supports WOL, PXE with Intel® i211AT (LAN2) |
| Audio               | HD Audio as Mic-in/Line-out with Realtek ALC662  |
| USB                 | 4 x USB 3.0 (rear I/O)<br>4 x USB 2.0  |
| TPM                 | N/A  |
| Digital I/O         | 8 Channels programmable  |
| SM BUS              | N/A  |

### Ordering Information

|                 |   |
|-----------------|---|
| <b>Standard</b> |   |
| MANO500         | LGA1151 Socket 6th generation Intel® Core™ i7/i5/i3, Pentium®, Celeron® Mini-ITX SBC with Intel® H110, HDMI/DisplayPort/VGA/ LVDS/eDP, Dual LAN and USB 3.0 |