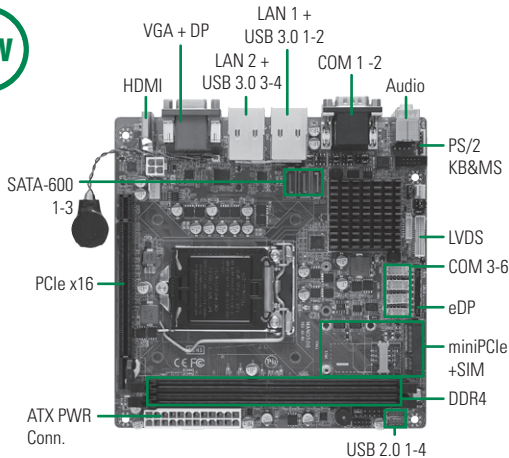


MANO500

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



System

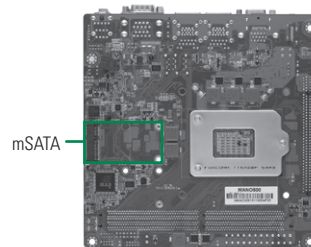
CPU	LGA1151 socket 6th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor
System Memory	2 x 288-pin LONG-DIMM dual channel DDR4-2133, max. up to 32 GB
Chipset	Intel® H110
BIOS	AMI
SSD	N/A
Watchdog Timer	255 level, 1 ~ 255 sec
Expansion Interface	1 x PCIe x16 1 x mSATA 1 x miniPCle 1 x SIM 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

I/O

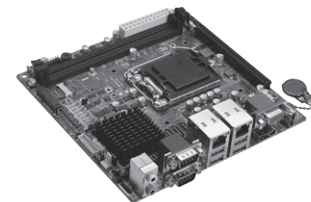
MIO	1 x PS/2 KB & MS 2 x RS-232/422/485(COM1-2) 4 x RS-232(COM3-6); COM1 with 5V/12V power select
SATA	3 x SATA-600 1 x mSATA
Hardware Monitoring	Detect CPU/System temperature, voltage and fan speed
Ethernet	1st port as 10/100/1000 Mbps supports WOL, PXE with Intel® i219LM (LAN1) 2nd port as 10/100/1000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

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 miniPCle and SIM card slots
- 3 SATA-600 & 1 mSATA
- 4 USB 3.0 and 4 USB 2.0



▲ Rear view



▲ Side view

Display

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

Packing List

Standard	
I/O Bracket	

Ordering Information

Standard	
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

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

4 Industrial Motherboards

Slot CPU Cards

ARM Embedded Boards

Accessories

Appendix

