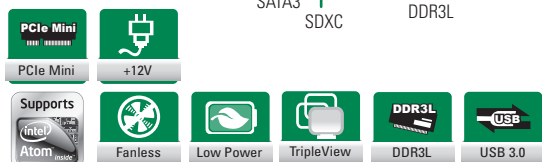
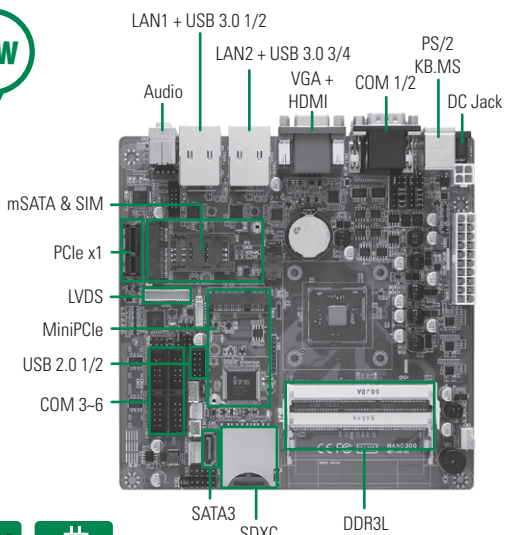


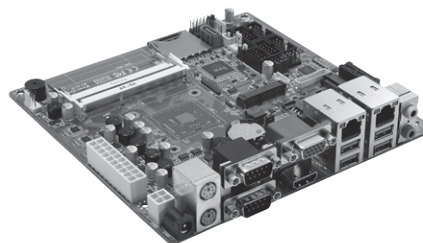
MANO300

Intel® Celeron® Processor N3160 (up to 2.24 GHz) SoC Mini-ITX SBC, VGA/HDMI/LVDS, USB 3.0, PCI Express Mini Card, mSATA, PCIe x1, and HD Audio



Features

- Intel® Celeron® N3160 2.24 GHz Braswell SoC processor
- 2 DDR3L-1333 MHz max. up to 8 GB
- PCIe x1 supported
- 4 USB 3.0 and 2 USB 2.0 supported
- 1 SATA-600 and 1 mSATA supported
- 1 SDXC supported
- 6 COM ports supported
- 12VDC and STD ATX supported
- Triple view display (VGA/HDMI/LVDS)



▲ Side view

System

CPU	Intel® Celeron® processor N3160 (up to 2.24 GHz) quad core SoC (Braswell)
System Memory	2 x 204-pin SO-DIMM dual channel DDR3L-1333, max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
SSD	SDXC Slot
Watchdog Timer	Reset: 1 ~ 255 sec
Expansion Interface	1 x PCIe x1 1 x PCI Express mini card
Battery	Lithium 3V/220 mAh
Power Requirements	12VDC or STD ATX
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 x PS/2 KB & MS 2 x RS-232/422/485 (Rear I/O) 4 x RS-232; (COM3 with +5/+12V)
SATA	1 x SATA-600 1 x mSATA
Ethernet	2 x Realtek RTL8111F for Gigabit LAN support WoL & PXE
Audio	HD Audio as Mic-in/Line-out with Realtek ALC662
USB	2 x USB 2.0; (internal) 4 x USB 3.0; (rear I/O)
TPM	N/A
Digital I/O	8 Channels programmable
SM BUS	N/A

Display

Chipset	Intel® HD graphics
Memory Size	Shared memory
Display Interface	1 x VGA 1 x HDMI 1 x LVDS 18/24bit dual channel

Packing List

Standard	
I/O Bracket	

Ordering Information

Standard	
MANO300	Intel® Celeron® N3160 Braswell mini-ITX SBC with VGA/HDMI/LVDS, dual GbE, 6 COM, USB 3.0, PCIe x1, mSATA, PCI express mini card and HD audio
Optional	
59411500600E	SATA POWER CABLE 4P 18CM (RC)