

# MANO526 NEW

Mini-ITX SBC with LGA1151 Socket 9th/8th Gen Intel® Core™ Processor, Intel® Q370, HDMI, DisplayPort++, eDP, 2 GbE LAN, and HD Audio

## Features

- LGA1151 socket 9th/8th gen Intel® Core™ i7/i5/i3 processor
- Intel® Q370 chipset
- 2 DDR4 SO-DIMM for up to 32GB of memory
- 4 USB 3.0 and 4 USB 2.0
- 6 COM ports
- 2 SATA-600 and 1 M.2 Key M
- PCIe x16 and M.2 Key E

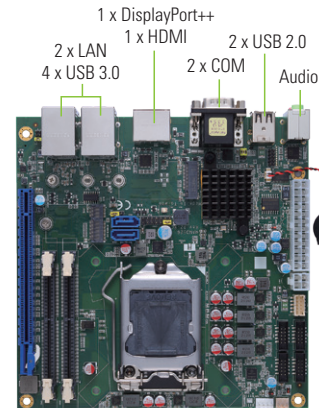


### Core System

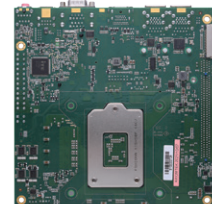
|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| CPU                   | LGA1151 socket 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® processors Gold/Celeron® processors (up to 65W) |
| System Memory         | 2 x 260-pin DDR4-2666/2400 SO-DIMM, up to 32GB                                                                    |
| Chipset               | Intel® Q370                                                                                                       |
| BIOS                  | AMI                                                                                                               |
| SSD                   | 1 x M.2 Key M (2242/2260/2280); supports NVMe                                                                     |
| Watchdog Timer        | 255 levels, 1 to 255 sec.                                                                                         |
| Expansion Interface   | 1 x PCIe x16<br>1 x M.2 Key E (22 x 30)                                                                           |
| Battery Lithium       | Lithium 3V/220mAh                                                                                                 |
| Power Input           | STD 12V ATX power<br>24+4 pin ATX connector<br>AT Mode Auto Power Function supported                              |
| Dimensions            | 170 x 170 mm                                                                                                      |
| Board Thickness       | 1.6 mm                                                                                                            |
| Operating Temperature | 0°C to +60°C (+32°F to +140°F)                                                                                    |
| Humidity              | 10% to 95% relative humidity, non-condensing                                                                      |

### I/O

|                     |                                                                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SATA                | 2 x SATA-600                                                                                                                                                                         |
| Hardware Monitoring | Detect CPU/system temperature, voltage and fan speed                                                                                                                                 |
| Ethernet            | 1 x 10/100/1000 Mbps Ethernet with Intel® i211-AT;<br>supports Wake-on-LAN, PXE Boot ROM<br>1 x 10/100/1000 Mbps Ethernet with Intel® i219-LM;<br>supports Wake-on-LAN, PXE Boot ROM |
| Audio               | HD Codec audio as MIC-in/Line-in/Line-out with Realtek ALC888S                                                                                                                       |
| USB                 | 4 x USB 3.0<br>4 x USB 2.0                                                                                                                                                           |
| Serial              | 1 x RS-232/422/485 (with +5V/+12V power)<br>5 x RS-232                                                                                                                               |
| TPM                 | Onboard TPM 2.0                                                                                                                                                                      |
| SMBus               | N/A                                                                                                                                                                                  |
| Digital I/O         | 8-channel in/out programmed                                                                                                                                                          |



▲ Rear view



▲ Side view

### Display

|                   |                                          |
|-------------------|------------------------------------------|
| Chipset           | Intel® integrated Gfx graphic engine     |
| Memory Size       | Share system memory                      |
| Display Interface | 1 x DisplayPort++<br>1 x eDP<br>1 x HDMI |

### Packing List

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

### Ordering Information

|                                   |                                                                                                                                     |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Standard</b>                   |                                                                                                                                     |
| MANO526-Q370<br>(P/N: E38M526101) | Mini-ITX SBC with LGA1151 socket 9th/8th gen Intel® Core™ processor, Intel® Q370, HDMI, DisplayPort++, eDP, 2 GbE LAN, and HD audio |
| <b>Optional</b>                   |                                                                                                                                     |
| 713PL76A000E                      | LGA1156 1.5U, H=36.5                                                                                                                |