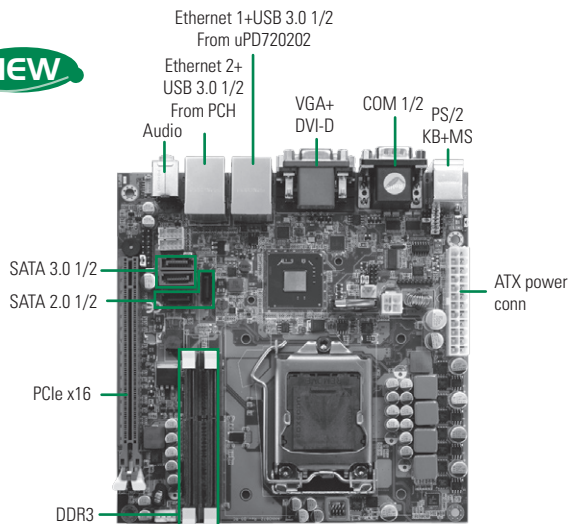


MANO873

LGA1155 Socket Intel® Core™ i7/ i5/ i3/
Celeron® Mini ITX SBC with Intel® Q77
PCH, VGA/DVI-D, Dual LANs and USB 3.0

Toll Free Number: 1-800-872-4547

NEW



System

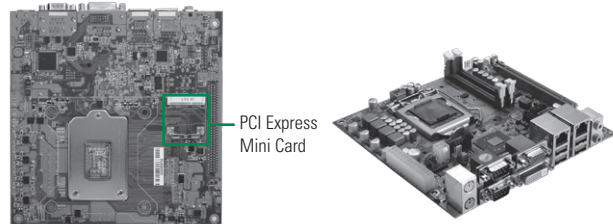
| | |
|---------------------|--|
| CPU | LGA1155 socket 3rd Generation Intel® core™ i7/ i5/ i3/ Celeron® processor |
| System Memory | 2 x 204-pin SO-DIMM dual channel DDR3-1333/1600 max. up to 16 GB |
| Chipset | Intel® Q77 |
| BIOS | AMI UEFI BIOS with OA 3.0 built |
| SSD | N/A |
| Watchdog Timer | 255 level, 1 ~ 255 sec |
| Expansion Interface | 1 x PCIe x16 Gen3 1 x PCI Express Mini Card |
| Battery | Lithium 3V/220 mAh |
| Power Requirements | TBD |
| Size | 170 x 170 mm |
| Board Thickness | 1.6 mm |
| Temperature | 0° ~ +60°C (32°F ~ 140°F), operation |
| Operation Humidity | 10% ~ 95% relative humidity, non-condensing |

I/O

| | |
|---------------------|---|
| MIO | 1 x RS-232/422/485 (COM 1); with 5V/12V power 1 x RS-232 (COM 2) 1 x PS/2 keyboard and mouse |
| SATA | 2 x SATA-300; 1 SATA-300 supports SATA DOM 2 x SATA-600 support RAID 0/1 |
| Hardware Monitoring | Detect CPU/System temperature, voltage and fan speed |
| Ethernet | 1st port as 10/100/1000 Mbps support WOL, PXE with Intel® 82579LM/V (LAN 1) 2nd port as 10/100/1000 Mbps support WOL, PXE with Intel® 82583V (LAN 2) |
| Audio | HD Audio as Mic-in/Line-out with Realtek ALC662 |
| USB | 4 x USB 3.0 (2 USB 3.0 from PCH Q77; 2 USB 3.0 from Renesas uPD720202 with WinXP driver) 4 x USB 2.0 |
| TPM | Infineon TPM1.2 SLB9635 |
| Digital I/O | 8 Channels (4-IN & 4-OUT) |
| SM BUS | N/A |

Features

- LGA1155 socket 3rd Generation Intel® Core™ i7/ i5/ i3/
Celeron® processors
- Intel® Q77 PCH
- 2 DDR3-1333/1600 MHz max. up to 16 GB memory capacity
- PCIe x16 Gen3 support
- 2 SATA-600 with RAID 0,1
- 2 SATA-300 with 1 SATADOM supported
- 4 USB 3.0
- iAMT 8.0 supported
- TPM 1.2 supported



▲ Rear view

▲ Side view

Display

| | |
|-------------------|-----------------------------------|
| Chipset | Intel® HD 2000/3000/4000 Graphics |
| Memory Size | Shared Memory |
| Display Interface | 1 x VGA 1 x DVI-D |

Packing List

Standard

User's manual/utility CD, cable

Ordering Information

Standard

MANO873 LGA1155 socket Mini ITX SBC with Intel® Core™ i7/ i5/ i3/
Celeron®, VGA/DVI-D, 2 10/100/1000Mbps and USB 3.0