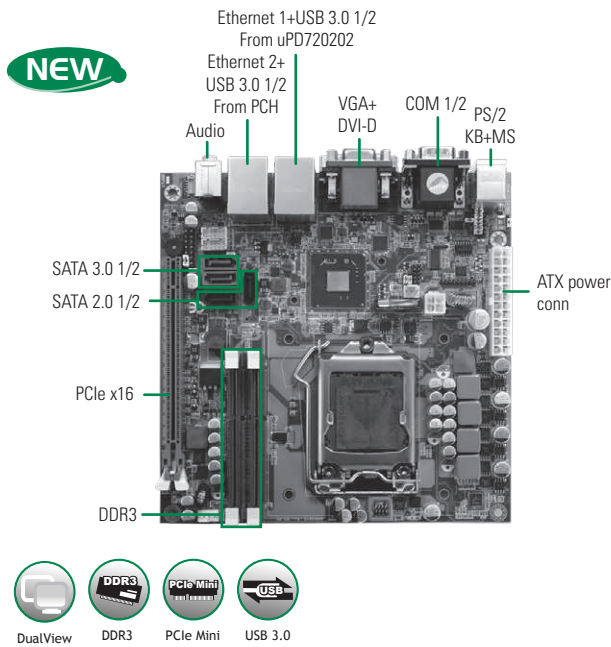


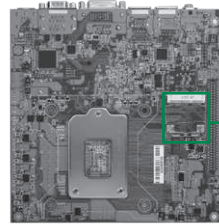
# MANO873

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

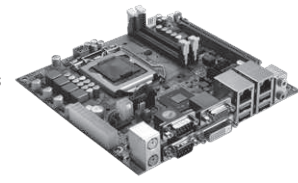


## Features

- LGA1155 socket 3rd Generation Intel® Core™ i7/ i5/ i3/ Celeron® processor
- 2 DDR3-1333/1600 MHz max. up to 16 GB
- 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

## 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
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

## Display

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

## Packing List

<b>Standard</b>	
	User's manual/utility CD, cable

## Ordering Information

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