MANO873
Mini-ITX SBC with LGA1155 Socket 3rd Gen Intel® Core™ Processor, Intel® Q77, VGA/DVI-D, Dual LANs and USB 3.0

Features
- LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3 & Celeron® processors
- 2 DDR3-1333/1600 SO-DIMM, up to 16GB
- PCIe x16 Gen3 supported
- 2 SATA-600 and 2 SATA-300 with RAID 0/1/5/10
- 4 USB 3.0
- Intel® AMT 8.0 supported
- TPM 1.2 supported
- mSATA supported

Core System
- CPU: LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3 & Celeron® processor
- System Memory: 2 x 204-pin DDR3-1333/1600 SO-DIMM dual channel, up to 16GB
- Chipset: Intel® Q77
- BIOS: AMI UEFI BIOS with DA 3.0 built
- Watchdog Timer: 255 level, 1 ~ 255 sec
- Expansion Interface: 1 x PCIe x16 Gen3
  1 x PCI Express Mini Card slot (shared mSATA)
- Battery: Lithium 3.7V/220 mAH
- Power Requirements: 5-240V: +5V @ 1.8A, +12V @ 6.1A, +5VSB @ 0.3A, +3.3V @ 0.9A
- Size: 170 x 170 mm
- Board Thickness: 1.6 mm
- Temperature: 0°C ~ +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-232/422/485 (COM 2)
  1 x PS/2 keyboard & mouse
- SATA: 2 x SATA-300, 1 SATA-300 supports SATA DOM
  2 x SATA-600, support RAID 0/1/5/10
- Hardware Monitoring: Detect CPU/System temperature, voltage, and fan speed
- Ethernet: 1 port as 10/100/1000 Mbps support WOL, PXE with Intel® 82579LM/V (LAN 1)
  2 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 Intel® Q77; 2 USB 3.0 from Renesas uPD720202 with WinXP driver)
  4 x USB 2.0
- TPM: Infineon TPM 2.0
- Digital I/O: 8 channels (4-in & 4-out)
- SIM 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
Standard
- User’s manual/utility CD, cable, I/O bracket

Ordering Information
Standard
MANO873/VGGA (P/N: E38M873101) Mini-ITX SBC with LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3 & Celeron®, VGA/DVI-D, 2 GbE LANs and USB 3.0

Optional
5077L07C000E LGA115x 1U fan back plate H:2.45 mm
50721127100E LGA115x 1x5U fan JAC6L23C-C H:35
Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Axiomtek:  
MANO873VGGA