

MANO800

Mini-ITX SBC with LGA1156 Intel® Core™ Processor, Intel® Q57, DVI-D/VGA, PCIe x4 and 4 SATA RAID

Features

- LGA1156 socket Intel® Core™ i7/i5/i3 & Pentium® processor with FSB 1066/1333 MHz
- 2 DDR3-1066/1333 DIMM, up to 8GB
- 4 SATA-300 with RAID 0/1/5/10
- CompactFlash™ type-II or CFast™ (optional)
- DVI-D/VGA with dual-view supported

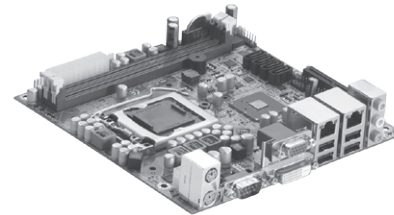
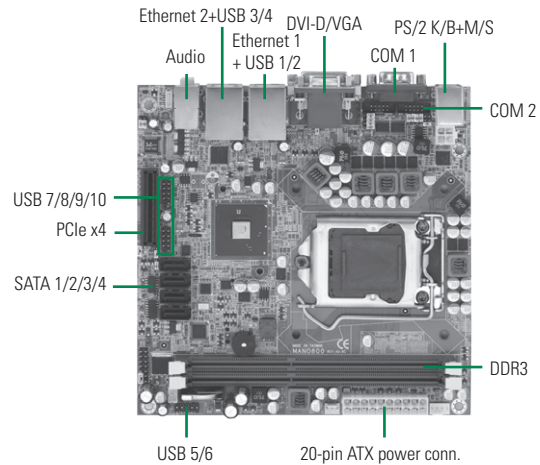


Core System

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|---------------------|--|
| CPU | LGA1156 socket Intel® Core™ i7/i5/i3 & Pentium® processor with FSB 1066/1333 MHz |
| System Memory | 2 x 240-pin DDR3-1066/1333 DIMM, up to 8GB |
| Chipset | Intel® Q57 |
| BIOS | AMI UEFI BIOS |
| SSD | 1 x CompactFlash™ type-II or 1 x CFast™ (optional) |
| Watchdog Timer | 255 levels, 1~255 sec. |
| Expansion Interface | 1 x PCIe x4 |
| Battery | Lithium 3 V/ 220 mAh |
| Power Requirements | Intel® Core™ i5-660 @ 3.33 GHz, 2GB DDR3 Max. RMS: +5V_SBY @ 0.022A, +3.3V @ 0.845A, +5V @ 1.252A, +12V @ 2.495A, -12V @ 0.034A |
| Size | 170 x 170 mm |
| Board Thickness | 1.6 mm |
| Temperature | 0°C ~ +60°C (32°F ~ 140°F), operation |
| Relative Humidity | 10% ~ 95% relative humidity, non-condensing |

I/O

| | |
|---------------------|---|
| MIO | 1 x PS/2 keyboard & mouse 1 x RS-232/422/485 (+5V/+12V powered) 1 x RS-232 (COM 2 with +5V/+12V powered) |
| SATA | 4 x SATA-300 with RAID 0/1/5/10 |
| Hardware Monitoring | Detect CPU/system temperature, voltage and support Smart fan |
| Ethernet | 1st port as 10/100/1000 Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82578DM 2nd port as 10/100/1000 Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82583V |
| Audio | HD Codec audio as MIC-in/Line-in/Line-out speaker-out with Realtek ALC662 |
| USB | 10 x USB 2.0 |
| SMBus | System Management Bus for advanced monitoring/control |
| Digital IO | 8 channels (4-IN & 4-OUT) |



▲ Side view

Display

| | |
|-------------------|---------------------------|
| Chipset | Intel® HD graphics |
| Memory Size | Intel® DVMT 5.0 compliant |
| Display Interface | 1 x VGA 1 x DVI-D |

Packing List

Standard

Quick installation guide, user's manual/utility CD, cable

Cable

| Part Number | Description | Qty |
|--------------|--------------------------|-----|
| 593826A0000E | SATA signal cable 500 mm | 1 |

Ordering Information

Standard

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|--|--|
| MANO800DGGA CF w/ CF (P/N: E38M800100) | LGA1156 Mini-ITX SBC with DVI-D/VGA, 2 GbE LANs, HD audio, 2 COM ports, 4 SATA and CompactFlash™ |
| MANO800DGGA (P/N: E38M800102) | LGA1156 Mini-ITX SBC with DVI-D/VGA, 2 GbE LANs, HD audio, 2 COM ports, 4 SATA |

Optional

| | |
|--|---|
| MANO800DGGA w/ CFast (P/N: E38M800101) | LGA1156 Mini-ITX SBC with DVI-D/VGA, 2 GbE LANs, HD audio, 2 COM ports, 4 SATA and CFast™ |
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* Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

