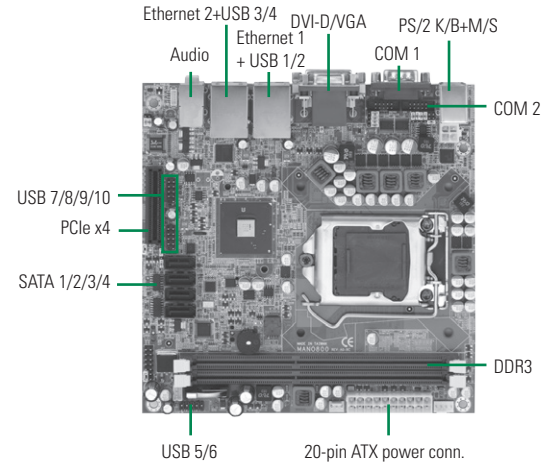
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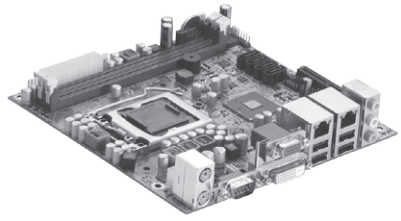
LGA1156 Intel® Core™ i7/ i5/ i3/ Pentium® Mini ITX SBC with Intel® Q57 Chipset, DVI-D/VGA, PCI Express x4 and 4 SATA RAID



DDR3 CFast™

Features

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



▲ Side view

System

CPU	LGA1156 socket for Intel® Core™ i7/ i5/ i3/ Pentium® processor with FSB 1066/1333 MHz
System Memory	2 x 240-pin DIMM support DDR3-1066/1333 max. up to 8 GB
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, 2 GB 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° ~ +60°C (32°F ~ 140°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x PS/2 keyboard 1 x PS/2 mouse 1 x RS-232/422/485 (COM 1); with +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 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82578DM 2nd port as 10/100/1000Mbps 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)

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 500mm	1

Ordering Information

Standard

MANO800DGGA CF w/ CF (P/N: E38M800100)	LGA1156 Mini ITX SBC with DVI-D/VGA, 2 10/100/1000Mbps Ethernet, HD audio, 2 COM ports, 4 SATA and CF
MANO800DGGA (P/N: E38M800102)	LGA1156 Mini ITX SBC with DVI-D/VGA, 2 10/100/1000Mbps Ethernet, HD audio, 2 COM ports, 4 SATA

Optional

MANO800DGGA w/ CFast (P/N: E38M800101)	LGA1156 Mini ITX SBC with DVI-D/VGA, 2 10/100/1000Mbps Ethernet, HD audio, 2 COM ports, 4 SATA and CFast

* Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

* All specifications and photos are subject to change without notice.

Mouser Electronics

Authorized Distributor

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Axiomtek:

MANO800DGGA-NC MANO800DGGA