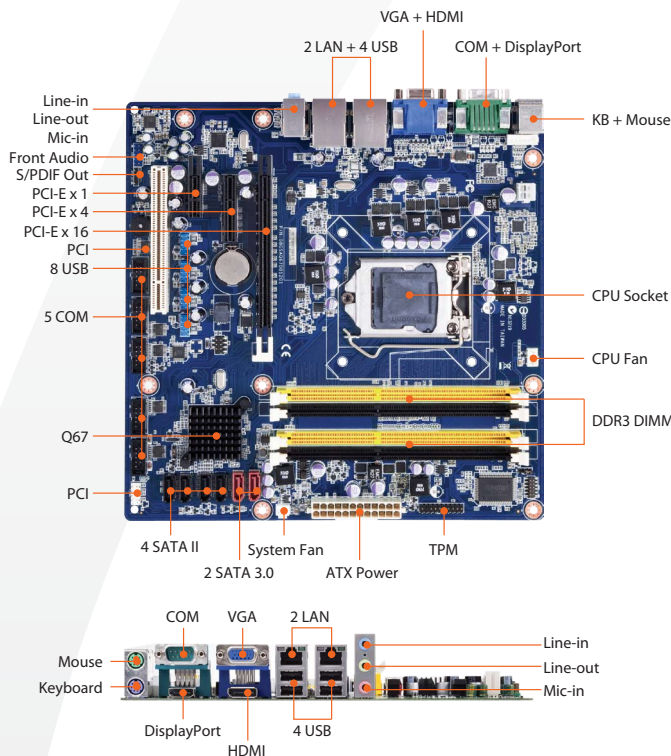


MX67Q

Intel® Q67 with Core™ i7/ i5 /i3 Micro-ATX Motherboard



Features

- Intel LGA1155 Socket supports Core i7/ i5/ i3/ Celeron® Desktop Processor
- Intel PCH Q67 Chipset
- Four 240-pin DIMM sockets support up to 16GB DDR3 1333/ 1066 SDRAM
- Intel GMA HD 2000/ 3000
- Supports multiple Dual Display functions : DisplayPort+HDMI, VGA+DisplayPort, VGA+HDMI
- Dual Intel Gigabit LAN : Intel 82579LM (LAN 1), Intel 82583V (LAN 2)
- 1 PCI-E x 16, 1 PCI-E x 4, 1 PCI-E x 1, 1 PCI
- 6 COM, 12 USB 2.0
- 2 SATA 3.0 and 4 SATA II support RAID Function

Intel GMA HD2000/3000	Dual Display	HDMI	DisplayPort
SATA 3.0	Dual Intel GbE LAN	iAMT	RAID
GPIO			

Specifications

System	
CPU	Intel LGA1155 Socket supports Core i7/ i5/ i3/ Celeron Desktop Processor
BIOS	AMI 16Mb SPI
System Chipset	Intel Q67
I/O Chip	Nuvoton NCT6776F
System Memory	Four 240-pin DIMM sockets support up to 16GB DDR3 1333/ 1066 SDRAM
Watchdog Timer	Reset : 1 to 255 sec/min per step
H/W Status Monitor	Monitoring temperature, voltage and cooling fan status. Auto throttling control when CPU overheats.
Expansion	1 PCI-E x 16, 1 PCI-E x 4, 1 PCI-E x 1, 1 PCI
Power State	S1, S3, S4, S5
Wake up on LAN or Ring	LAN (WOL), Ring (WOR)
Smart Fan Control	Yes

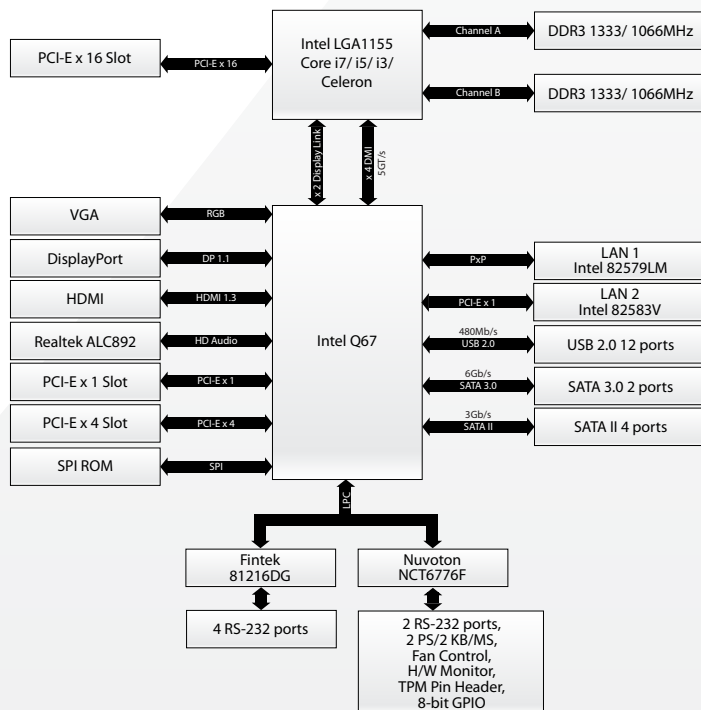
Display	
Chipset	Intel GMA HD 2000/ 3000
Display Memory	Shared Memory, up to 1.7GB
Max Resolution	VGA : Supports up to 2048 x 1536 (@60Hz) HDMI : Supports up to 1920 x 1080 DisplayPort : Supports up to 1920 x 1080
Dual Display	VGA + DisplayPort, VGA + HDMI, HDMI + DisplayPort
VGA	Onboard
HDMI	Onboard, HDMI 1.3
DisplayPort	Onboard

Audio	
Audio Codec	Realtek ALC892, 5.1 + 2 Channel HD Audio
Audio Interface	Line-in, Line-out, Mic-in, S/PDIF Out, Front Audio Header

I/O	
MIO	6 COM RS-232, 2 SATA 3.0, 4 SATA II, 2 LAN, 1 PS/2 Keyboard, 1 PS/2 Mouse
USB	12 USB 2.0 (4 Rear, 8 Internal)
GPIO	8-bit General Purpose I/O for 4-bit DI and 4-bit DO

Ethernet	
LAN 1	Intel 82579LM Gigabit LAN supports iAMT function
LAN 2	Intel 82583V Gigabit LAN

Block Diagram



Ordering Information

MX67Q

TBA

Product Offering

Until 2018

Packing List

SATA Data Cable	x 2
SATA Power Cable	x 2
I/O Shield	x 1
Driver CD	x 1
Startup Manual	x 1

Optional Accessory

14GS0300020V04	USB Cable w/ Bracket
14GS0300021V04	USB Cable w/o Bracket

Back Panel I/O Port

- 1 PS/2 Keyboard
- 1 PS/2 Mouse
- 1 VGA Port
- 1 HDMI Port
- 1 DisplayPort
- 1 COM RS-232 Ports
- 4 USB 2.0 Ports
- 2 LAN RJ45 Ports
- 1 Audio I/O (3 Jacks)

Internal I/O Connector

- 4 USB Connectors support 8 USB Ports
- 5 COM RS-232 Connectors
- 6 SATA Connectors (2 SATA 3.0, 4 SATA II)
- 1 Front Audio Connector
- 1 CPU Fan Connector
- 1 System Fan Connector
- 1 Chassis Fan Connector
- 1 GPIO Connector
- 1 TPM Connector

Power

Power Requirement	+12V	+5V	+3.3V	5VSB
	5.51A	1.466A	2.09A	0.6A

Power Type ATX (supports AT Mode)

Power Connector 1 24-pin ATX Power Connector,
1 4-pin ATX 12V Power Connector

Mechanical & Environmental

Operating Temperature 0°C to 60°C (32°F to 140°F)

Operating Humidity 0% to 90% relative humidity, non-condensing

Dimensions (L x W) 9.6" x 9.6" (244 x 244 mm)

Weight 1.35 lbs (0.6Kg)