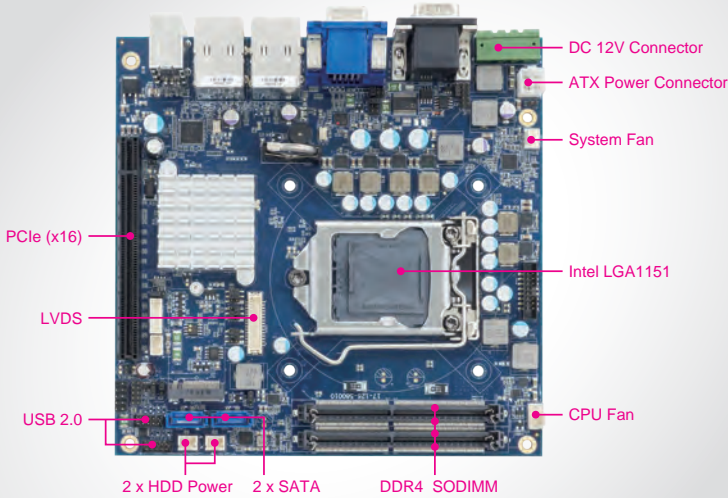


BM-2503

Mini-ITX Intel® 7th / 6th Gen. Core™ i7 / i5 / i3 / Pentium® / Celeron® CPU



Features



- Intel® 7th / 6th Gen. Core™ i7 / i5 / i3 CPU
- 2 x Gb LAN, 8 x USB
- 1 x VGA, 1 x DP, 1 x LVDS (internal)
- 2 x SATA III, supporting RAID 0/1
- 1 x PCIe (x16), 1 x M.2 (2242-D2-M)

Specifications

System

CPU Support	LGA1151 socket for Intel® 7th / 6th Gen. Core™ i7 / i5 / i3 / Pentium® / Celeron® desktop CPU
CPU List	7th Core™: i7-7700T(TE), i5-7500T(TE), i3-7100T(TE) 6th Core™: i7-6700(TE), i5-6500(TE), i3-6100(TE) Pentium®: G4400(TE) Celeron®: G3900(TE)
Chipset	Intel® H110/Q170
Memory Support	2 x SO-DIMM sockets, supporting 1866/2133MHz DDR4 up to 32GB
BIOS	AMI UEFI BIOS
Watchdog	1~255 seconds watchdog timer selectable
Power Supply	DC In 12V (rear I/O, phoenix 3 pins terminal block); ATX 4 pin power connector
Power Consumption	+12V: 10.3A (H110 SKU) +12V: 12.2A (Q170 SKU)
Dimensions	170 x 170 mm (6.69" x 6.69")
Certifications	CE / FCC
O.S. Support	Windows 10 IoT / Windows 8.1 / Windows 8 / Windows 7 (Intel 7th generation CPU is ONLY compatible with Windows 10 IoT)

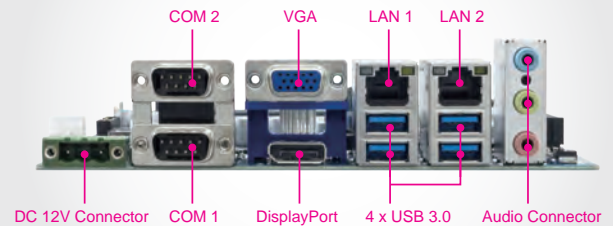
Graphics

VGA	1 x VGA up to 1920 x 1200 @60Hz (rear I/O)
DisplayPort	1 x DP up to 4096 x 2304 @60Hz (rear I/O)
LVDS	1 x LVDS, dual channel, resolution range: 800 x 600~1920 x 1200 (internal)

Environment

Operation Temp.	0°C~60°C (32°F~140°F) @humidity 20%~90%
Storage Temp.	-40°C~85°C (-40°F~185°F) @humidity 20%~90%

I/O Panel View



I/O Ports

SATA Interface	2 x SATA 3.0 (Only Q170 SKU supports RAID 0/1)
Expansion Bus	1 x PCIe (x16) 1 x M.2 (2242-D2-M)
Serial Ports	2 ports COM 1: RS-232/422/485 (rear I/O) COM 2: RS-232 (rear I/O) COM 1/2 support +5V/+12V/RI jumper selectable
Parallel Port	n/a
FAN	1 x CPU fan, 1 x system fan (internal connector)
LAN	Dual LAN (2 x RJ45 on rear I/O) LAN 1: Intel® PHY 219LM (GbE) LAN 2: Intel® LAN 211AT (GbE) Supports Wake-On-LAN / PXE
Audio	Mic In / Line In / Line Out (rear I/O)
USB	8 ports 4 x USB 3.0 (rear I/O) 4 x USB 2.0 (rear I/O)