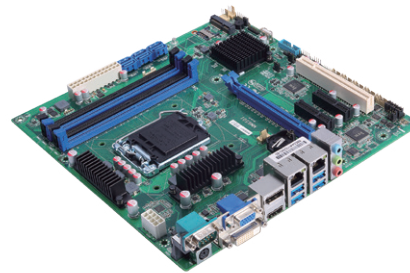
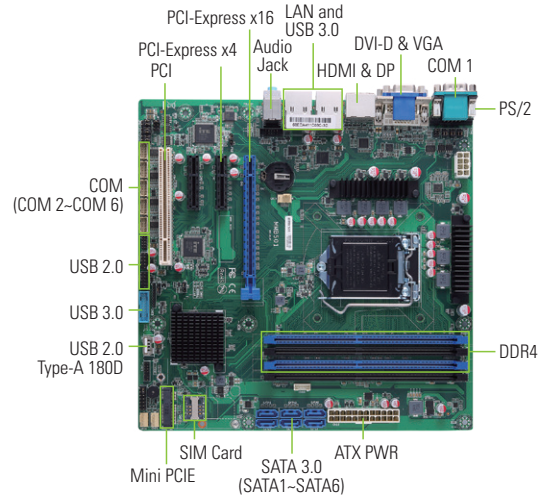


MMB501 NEW

Micro ATX Industrial Motherboard with LGA1151 Socket 7th/6th Gen Intel® Core™ Processor, Intel® Q170, USB 3.0, SATA 3.0, Dual LANs and VGA/DP/DVI-D/HDMI

Features

- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (Kaby Lake/Skylake)
- Four 288-pin DDR4-2133/1866 DIMM, up to 64GB
- DP, VGA, DVI-D and HDMI with triple-view supported
- 6 SATA-600 RAID 0/1/5/10
- 6 USB 3.0 and 5 USB 2.0



▲ Side view



Core System

CPU	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor
System Memory	4 x 288-pin DDR4-2133/1866 DIMM, up to 64GB
Chipset	Intel® Q170
BIOS	AMI BIOS
Watchdog Timer	255 levels, 1 ~ 255 sec.
Expansion Interface	1 x PCIe x16 slot 2 x PCIe x4 slot 1 x PCI slot 1 x full-size PCI Express Mini Card slot (for Wi-Fi/3G/4G w/ SIM slot)
Battery	Lithium 3 V/ 220 mAh
Size/Weight	244 x 244 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 PS/2 keyboard & mouse 4 x RS-232 (Internal 2.0 pitch wafer) 1 x RS-232/422/485 (COM 1: rear) 1 x RS-232/422/485 (Internal 2.0 pitch wafer)
SATA	6 x SATA-600 with RAID 0/1/5/10
Hardware Monitoring	Detect CPU/system temperature, voltage and supports Smart fan control
Ethernet	1st port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM, iAMT with Intel® i219LM 2nd port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i211AT
Audio	HD Codec audio as MIC-in/Line-in/Line-out with Realtek ALC662
USB	6 x USB 3.0 (4 ports on rear I/O; 2 ports on internal box header) 5 x USB 2.0 (4 ports on internal 2.54 pin-header; 1 port USB Type A connector onboard)
TPM	Optional
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	8 channels programmable

Display

Graphic	Intel® HD Graphic
Memory Size	Share system memory
Display Interface	1 x DP 1 x VGA 1 x DVI-D 1 x HDMI

Ordering Information

Standard	
MMB501	Micro ATX industrial motherboard with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, Intel® Q170, USB 3.0, SATA 3.0, 2 GbE LANs and VGA/DP/DVI-D/HDMI
Optional	
593826A0000E	SATA signal cable 500 mm/red
59384500100E	Audio cable w/ bracket, P=2.0 mm, L=450 mm
5938A808010E	USB x 2 cable w/ bracket, 2 x 5 (10P-KEY)

