

CT-XSL01

Mini-ITX Industrial Motherboard with LGA 1151 Socket for 6th/7th Gen. Intel® Core™ i7/i5/i3 Processor, Q170 PCH

FEATURES

- Supports Intel® 6th/7th Gen Intel Core™ processor (LGA1151) with Intel Q170 PCH
- 2x DDR4 SO-DIMM support total up to 32GB
- 2x Intel® GbE supporting Wake-on-LAN and PXE
- DVI-D/DisplayPort/HDMI/LVDS
- 1x PCIe x16, 1x Mini-PCIe
- 1x mSATA (shared with Mini-PCIe), 1x M.2, and 4x SATA 6.0Gb/s
- Supports up to 5x COM port, 6x USB 3.0, 4x USB 2.0
- 1x 8-bit GPIO
- Supports Intel® AMT 11.0
- Supports TPM 2.0 (optional)

SPECIFICATIONS

System

Processor Support	LGA 1151 socket supporting 6th/7th Gen Intel Core i3/i5/i7 Pentium®, Celeron® Desktop Processor
System Chipset	Q170
LAN Chipset	1x Intel® I219LM GbE PHY 1x Intel® I211AT GbE controller (Support Wake-on-LAN and PXE)
Audio Codec	Realtek ALC892 HD Audio Codec
System Memory	2x 260-Pin DDR4 1866/2133MHz SO-DIMM, Max. 32GB
BIOS	AMI UEFI 128MB SPI Flash
Watchdog	Software Programmable Supports 1~255 sec. System Reset
TPM	TPM 2.0 (optional)
iAMT	Intel AMT 11.0

Display

LVDS	2-ch 24-bit LVDS
Multiple Display	DVI-D/DisplayPort/HDMI

Storage

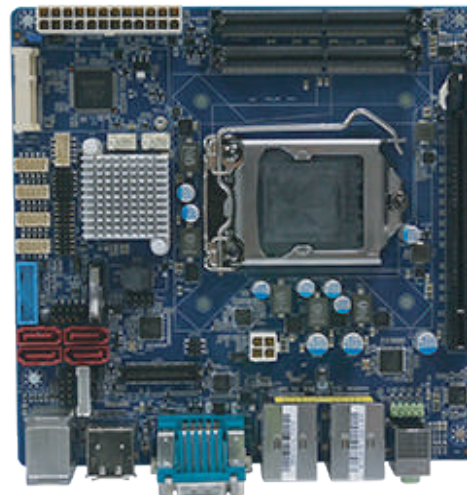
SATA	4x SATA III (6 Gb/s)
mSATA	1x mSATA (shared with Mini-PCIe)
M.2	Type 2280 M Key

Expansion

Mini PCI Express	1x Full-size Mini-PCIe
PCIe	1x PCIe x16

I/O

COM	1x RS-232/422/485 (rear) 4x RS-232 (header)
USB	6x USB 3.0 (4x rear/2x header) 4x USB 2.0 (2x rear/2x header)
LAN	2x GbE RJ45 (rear)
Audio	1x Mic-in, 1x Line-out (rear)
Others	1x PS/2 Keyboard/Mouse (rear) 1x LPC/1x 8-bit GPIO (header) 1x CPU Fan/1x System Fan (header) 1x Front Panel Audio (header) 1x Front Panel Connector (header)



Operating System

Windows	Windows 10, Windows 8.1, WES8.1, Windows 7, WES7
Linux	Linux kernel 4.x

Power

Power Mode	ATX / AT
Power Connector	2x12-pin and 2x2 -pin

Environment

Operating Temp.	0°C to 60°C (32°F to 140°F)
Storage Temp.	-40°C to 80°C (-40°F to 176°F)
Relative Humidity	10% to 95% (non-condensing)
Certification	CE, FCC Class A

Physical

Construction	Extruded Aluminum with Heavy Duty Metal
Dimension	170 x 170 mm 5.91" x 4.13"
Packing List	1x CT-XSL01 Mini-ITX Motherboard 1x SATA Cable 1x COM Cable 1x I/O Bracket 1x Driver DVD

Ordering Information

CT-XSL01	Mini-ITX Industrial Motherboard with LGA 1151 Socket supporting 6th/7th Gen Intel i3/i5/i7 processor
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