

CT-XSL01

Mini-ITX Industrial Motherboard with LGA 1151 Socket for 6th Gen.

Intel® Core™ i7/i5/i3 Processor, Q170 PCH

FEATURES

- Intel® 6th Gen. Core™ i7 / i5/ i3 Processor (LGA1151) with Q170 PCH
- 2x DDR4 SO-DIMM support up to 32GB
- 2x Intel® GbE supporting Wake-on-LAN and PXE
- Supports triple displays from DVI / DisplayPort / HDMI / LVDS
- Supports 1x PCIe x16, 1x Mini PCIe
- Supports 1x mSATA (shared by 1x Mini PCI Express), 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 (4-in / 4-out)
- Support Intel® AMT 11.0
- Supports TPM 2.0 (optional)

SPECIFICATIONS

SYSTEM

Processor	LGA 1151 socket supporting 6 th Gen Intel® Core™ i3/i5/i7 Desktop Processor - Intel® Core™ i7-6700TE, Quad Core, up to 3.4 GHz - Intel® Core™ i5-6500TE, Quad Core, up to 3.3 GHz - Intel® Core™ i3-6100TE, Dual Core, 2.7 GHz
System Chipset	Intel® Q170 PCH
LAN Chipset	1x Intel® I219LM GbE PHY 1x Intel® I211AT GbE controller
Audio Codec	Realtek ALC892 HD Audio Codec
Memory	2x 260-Pin DDR4 1866/2133MHz SODIMM
Max. Size	32GB
BIOS	AMI uEFI 128MB SPI flash
Watchdog	Software Programmable Supports 1~255 sec. System Reset
TPM	TPM2.0 supported (optional)
iAMT	Intel® AMT 11.0 supported

DISPLAY

Chipset	Intel® 9 th Generation Graphic
Interface	1x DVI-D, 1x 2-ch 24-bit LVDS, 1x DisplayPort, 1x HDMI
Multiple Display	Triple Display

STORAGE

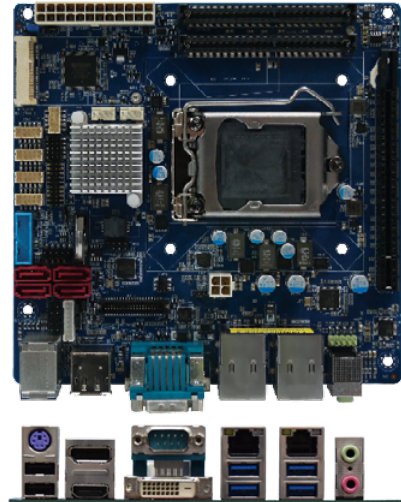
SATA	4 x SATA 6.0Gb/s
mSATA	1x mSATA (shared by 1x Mini PCI Express)
M.2	1x M.2 (M-Key, Type: 2280)

EXPANSION

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

ORDERING INFORMATION

MODEL NO.	DESCRIPTION
CT-XSL01	Mini-ITX industrial motherboard with LGA 1151 socket supporting 6 th Gen Intel® Core™ i3/i5/i7 Desktop Processor



REAR I/O

Display	1x DVI-D, 1x DisplayPort, 1x HDMI
COM	1x RS-232/422/485
USB	4x USB 3.0, 2x USB 2.0
LAN	2x RJ45
Audio	1x Line-out, 1x Mic-in
PS/2	1x PS/2 KB/MS

INTERNAL I/O

Display	1x 2-ch 24-bit LVDS
COM	4x RS-232
USB	2x USB 3.0, 2x USB 2.0
SATA	4 x SATA 6.0Gb/s
Audio	1x Front panel audio
GPIO	1x 8-bit GPIO (4-in/4-out)
Others	1x LPC 1x CPU fan 1x Front panel 1x System fan

OPERATING SYSTEM

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

POWER

Power Connector	2x12-pin and 2x2-pin power connector
Power Input	ATX power
Management	ACPI 5.0 compliant

MECHANICAL & ENVIRONMENT

Form Factor	Mini-ITX
Dimension	170mm x 170mm
Operating Temp.	0°C ~ 60°C
Storage Temp.	-40°C ~ 80°C
Operating Temp.	10% ~ 90% relative humidity, non-condensing

PACKING LIST

• 1x SATA cable	• 1x I/O port bracket
• 1x COM cable	• 1x Driver DVD

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