

# CT-XSL01

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

## FEATURES

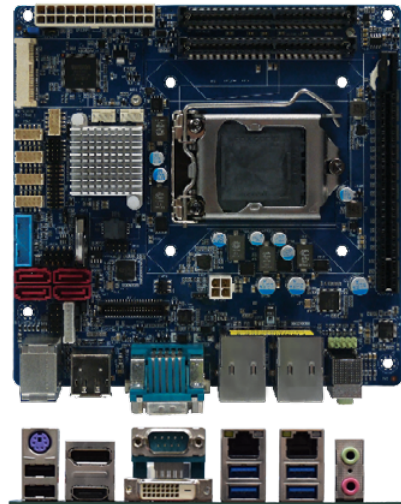
- Intel® 6<sup>th</sup> Gen. Core™ i7 / i5/ i3 Processor (LGA1151) with Q170 PCH
- 2x DDR4 SO-DIMM support up to 32GB
- 2x Intel® GbE supporting Wake-on-LAN and PXE
- Supports triple displays from DVI / DisplayPort / HDMI / LVDS
- Supports 1x PCIe x16, 1x Mini PCIe
- Supports 1x mSATA (shared by 1x Mini 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 <sup>th</sup> 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 <sup>th</sup> 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 <sup>th</sup> 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 Front panel 1x CPU fan                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

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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