



## ITX-SM-X10SLV-Q

### SM-X10SLV-Q Industrial Mini-ITX Motherboard



#### Overview - SM-X10SLV-Q Industrial Mini-ITX Motherboard

The SM-X10SLV-Q industrial mini-ITX motherboard is a long-life solution to your need for a PCIe 3.0 x16 slot in a small form factor. An LGA 1150 board utilizing the Intel Q87 Express chipset and HD4600 Graphics, this small board offers a lot of speed and advanced features. As a result of the integrated graphics, this mini-ITX board is able to handle 3 independent displays. Ports on the rear panel for DisplayPort, HDMI, and DVI-I are available. There are 4 SATA III ports available to take advantage of RAID configurations 0, 1, 5, and 10. Allowing for 16GB of DDR3 SODIMM the SM-X10SLV-Q can be loaded up for your demanding application.

#### Dual GbE LAN, 2 Rear COM Ports, 2 Rear USB 3.0

Allowing for a variety of devices to connect to the board is a key feature of the SM-X10SLV-Q. On the rear panel there are 2 USB 3.0 ports, 2 USB 2.0 ports, and 2 COM ports. In addition, there are 3 USB 2.0 headers and 3 serial headers on the board. Lastly, dual gigabit ethernet LAN is available on the board.

- LGA1150 supports 4th Gen Core Processors / Intel Xeon E3-1200 v3
- Intel Q87 Express chipset
- 2 x DDR3 1600 Slots for up to 16 GB RAM
- Intel HD4600 Graphics for 3x independent displays
- 2 x Gigabit ethernet LANs
- SATA3, Serial, USB 3.0, PCIe 3.0 x16 slot, more

## Technical Specifications

CPU Socket Type	LGA 1150
Chipset	Intel Q87 Express
Channel Supported	Dual Channel
CPU Type	Xeon E3-1200 v3 / Core i7 / i5 / i3 / Pentium / Celeron
Number of Memory Slots	2x204pin
Memory Standard	1600 DDR3 (non-ECC)
Maximum Memory Supported	16GB
PCIe 3.0 x16	1
Mini-PCIe	1
SATA 3.0	4
mSATA	1
SATA RAID	0 / 1 / 5 / 10
Graphic Controller	Intel HD 4600 Graphics
DVI-I	1
DisplayPort	1
HDMI	1
Display Mode	3x independent
Audio Controller	Realtek ALC888S HD Audio Codec
Ethernet Controller	1x Intel I217 GbE LAN, 1x Intel I210AT GbE LAN
USB 3.0	2x rear
USB 2.0	2x rear, 3x internal
Serial	5x COM (COM1-2 rear, COM3-5 internal)
Serial Types	COM1 (RS-232/422/485 0V/5V/12V), COM2-5 (RS-232 0V/5V/12V)
Watchdog Timer	256-level
TPM	1x 20pin header
Super I/O Controller	Nuvoton NCT6106D
GPIO	8-bits (4x GPI, 4x GPO)
Power Supply	ATX 24-pin, 12V 4-pin
Operating Temperature	0-60 C