X10SLQ Quick Reference Guide

6x SATA 3.0 ports (6Gb/s) including:
- 1x mSATA
- 5x SATA DOM (Disk on Module) power

Key Features:
1. Single socket LGA 1150 supports Intel 4th gen. Core i7/i5/i3, Pentium, Celeron processors
2. Intel® Q87 Express Chipset
3. Up to 8GB DDR3 non-ECC, 4GB DDR3L, 2GB DDR3, 1GB DDR3 memory
4. Dual Gigabit Ethernet LAN ports (Intel® i210AT + Intel® i217LM)
5. 4x SATA 3 (6Gb/s)
6. 2x PCIe 3.0 x16, 1x PCIe 2.0 x4, 1x PCI-E 2.0 x1 slot
7. 8x USB 3.0 (4 rear + 4 via header)
8. 8x USB 2.0 (4 rear + 4 via header)
9. 1x DOM power connector, 4x COM ports (headers); COM2 with Independent Displays
10. AMT 9.0, vPro
11. UEFI BIOS support

Other Features:
- Secure Boot
- vPro AMT, Embedded Desktop
- BIOS Type: UEFI
- BIOS Features: ACPI 5.0, DMI (SMBIOS) 2.7
- Power-on mode for AC power recovery
- Main Switch Override Mechanism
- ACPI / ACPM Power Management
- vPro
- AMT
- Watch Dog
- SuperDoctor
- USB Keyboard support
- USB Keyboard support
- Operating System Compatibility:
  - Windows 10 64-bit
  - Linux
  - FreeBSD

Parts List:

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>BSB-X10SLQ-B</td>
<td>X10SLQ (Bulk Pack)</td>
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Physical Data:
- Form Factor: uATX
- Dimensions: 9.6” x 9.6”, (24.4cm x 24.4 cm)
- Chipset: Intel® Q87 Express Chipset
- CPU: Intel® 4th Gen. Core i7/i5/i3, Pentium, Celeron processors
- Memory: Up to 32GB DDR3 non-ECC memory (UDIMM)
- Expansion Slots:
  - 1x PCI-E 2.0 x1 slot
  - 1x PCI-E 2.0 x4 slot
  - 1x PCI-E 2.0 x16 slot
  - 1x Mini-PCI-E slot

I/O Features:
- 8x USB 2.0 ports (4 rear + 4 via headers)
- 4x USB 3.0 ports (2 rear + 2 via header)
- 1x mSATA
- 5x SATA DOM (Disk on Module) power
- 1x SPDIF Out Header
- 4x COM ports (headers); COM2 with Independent Displays
- 1x PCI-E 2.0 x1 slot
- 1x Mini-PCI-E slot
- 1x PCI-E 3.0 x16 slot

 diplomacy

Features: vPro AMT, Embedded Desktop

Specifications

- Memory:
  - 8GB, 4GB, 2GB, 1GB
- Processor/Cache:
  - Intel® 4th Gen. Core i7/i5/i3, Pentium, Celeron processors
- System Memory:
  - Supports up to 32GB DDR3 non-ECC memory (UDIMM)
  - 4x 240-pin DDR3 DIMM sockets
  - 1600MHz UDIMM in 4 sockets

- Processor:
  - Single socket LGA 1150 supports Intel 4th gen. Core i7/i5/i3, Pentium, Celeron processors

- System BIOS:
  - AMT 9.0, vPro

- Power Configuration:
  - ACR / ACR Manager Power Management
  - BIOS Type: UEFI
  - BIOS Features: ACPI 5.0, DMI (SMBIOS) 2.7
  - Power-on mode for AC power recovery
  - Main Switch Override Mechanism
  - ACPI / ACPM Power Management
  - vPro
  - AMT
  - Watch Dog
  - SuperDoctor
  - USB Keyboard support

- Operating System Compatibility:
  - Windows 10 64-bit
  - Linux
  - FreeBSD

- Operating Temperature:
  - -40°C to +85°C

Other Features:
- Secure Boot
- vPro AMT, Embedded Desktop

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