

Intel S2600GL4 motherboard Intel® C602 LGA 2011 (Socket R)

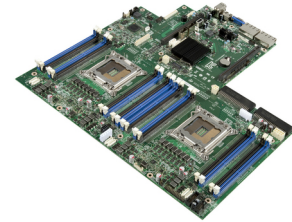
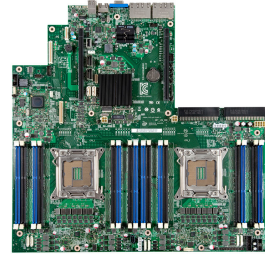
Brand : Intel

Product code: S2600GL4


Product name : S2600GL4

Server Board S2600GL

Intel S2600GL4. Processor manufacturer: Intel, Processor socket: LGA 2011 (Socket R), Compatible processor series: Intel® Xeon® E5 Family. Supported memory types: DDR3-SDRAM, Maximum internal memory: 512 GB, Memory channels: Octa-channel. Supported storage drive interfaces: SATA, SATA II. Ethernet interface type: Gigabit Ethernet. Component for: Server, Motherboard chipset: Intel® C602, Physical Address Extension (PAE): 46 bit



| Processor | | Processor special features | |
|------------------------------------------------|--------------------------|----------------------------------------------------------|---------------|
| Processor manufacturer * | Intel | Intel I/O Acceleration Technology | ✓ |
| Processor socket * | LGA 2011 (Socket R) | Intel Flex Memory Access | ✓ |
| Compatible processor series * | Intel® Xeon® E5 Family | Intel Client Initiated Remote Access (CIRA) technology | ✗ |
| Intel Xeon series | E5-2600 | Intel® Active Management Technology (Intel® AMT) | ✗ |
| Lithography | 32 nm | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Processor number of cores supported | 4, 6, 8 | Intel AC'97 technology | ✗ |
| Supported QPI | 6.4,7.2,8 GT/s | Trusted Platform Module (TPM) version | 1.2 |
| Number of QPI links | 2 | Intel® High Definition Audio (Intel® HD Audio) | ✗ |
| Processor thermal power (max) | 135 W | Intel Active Management Technology version | ✗ |
| Maximum number of PCI Express lanes | 48 | Intel Clear Video Technology | ✗ |
| Maximum internal memory supported by processor | 512 GB | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Memory bandwidth supported by processor (max) | 119.4 GB/s | Intel Rapid Storage Technology enterprise | ✓ |
| ECC supported by processor | ✓ | Intelligent Platform Management Interface (IPMI) support | IPMI 2.0 |
| Product family | Dual-socket server board | Intel® Remote Wake Technology (Intel® RWT) | ✗ |
| Product series | Intel S2600GL | Intel Advanced Management Technology | ✓ |
| Product codename | Grizzly Pass | Intel Server Management Software | ✓ |
| Memory | | Intel Remote Management Module Support | ✓ |
| Supported memory types * | DDR3-SDRAM | Intel Server Customization Technology | ✓ |
| Memory channels | Octa-channel | Intel Build Assurance Technology | ✓ |
| ECC | ✓ | Intel Quiet Thermal Technology | ✓ |
| Supported memory clock speeds | 1333 MHz | Intel Efficient Power Technology | ✓ |
| Maximum internal memory * | 512 GB | Connector for Intel I/O Expansion Module x8 Gen 3 | 1 |
| Maximum RDIMM memory | 512 GB | Storage controllers | |
| Memory bandwidth (max) | 819.2 GB/s | Supported storage drive interfaces * | SATA, SATA II |
| Storage controllers | | RAID levels | 5 |

| Graphics | | Processor special features | |
|--------------------------------------------------|------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| On-board graphics card | ✓ | Internal I/O Expansion Module x8 Gen 3 | 1 |
| Discrete graphics support | ✓ | Intel Intelligent Power Node Manager | ✓ |
| Internal I/O | | Integrated BMC with IPMI | ✓ |
| USB 2.0 connectors * | 4 | Integrated systems available | ✓ |
| Number of SATA connectors | 10 | Logistics data | |
| Total number of SATA connectors | 10 | Harmonized System (HS) code | 8473301180 |
| Rear panel I/O ports | | Other features | |
| USB 2.0 ports quantity * | 4 | Supported UDIMM clock speeds | 1333 MHz |
| Ethernet LAN (RJ-45) ports * | 4 | Maximum UDIMM memory | 512 GB |
| VGA (D-Sub) ports quantity * | 1 | Supported RDIMM clock speeds | 1333 MHz |
| Serial ports quantity | 2 | Number of DIMM slots | 16 |
| Network | | Number of processors supported | 2 |
| Ethernet LAN | ✓ | Supplemental SKU | ✗ |
| Ethernet interface type | Gigabit Ethernet | Embedded options available | ✓ |
| Wi-Fi * | ✗ | CPU configuration (max) | 2 |
| Features | | Discrete graphics card model | Supported |
| Motherboard chipset * | Intel® C602 | Graphics output | D-sub |
| Component for * | Server | Intel® vPro™ Platform Eligibility | ✗ |
| Physical Address Extension (PAE) | ✓ | PCI Express CEM revision | 3.0 |
| Physical Address Extension (PAE) | 46 bit | Images Type Map |  |
| Rack-Friendly board | ✓ | Intel Node Manager | ✓ |
| Embedded USB (eUSB) SSD option | ✓ | Packaging content | (1) Intel Server Board S2600GL4. |
| Market segment | Server | Chassis type | Rack |
| Expansion slots | | Thermal Design Power (TDP) | 135 W |
| PCI Express x1 slots | 2 | Commodity Classification | |
| PCI Express x8 slots | 2 | Automated Tracking System (CCATS) | G145323 |
| PCI Express x16 slots | 6 | Export Control Classification | |
| PCI Express x16 (Gen 3.x) slots | 2 | Number (ECCN) | 5A992C |
| PCI Express slots version | 3.0 | Motherboard ARK ID | 56254 |
| Processor special features | | Technical details | |
| Intel® Anti-Theft Technology (Intel® AT) | ✗ | Born on date | Q1'12 |
| Intel® Clear Video HD Technology (Intel® CVT HD) | ✗ | FireWire support | ✓ |
| Intel Dual Display Capable Technology | ✗ | Launch date | Q1'12 |
| Intel Fast Memory Access | ✓ | Product name | Intel Server Board S2600GL |
| Trusted Platform Module (TPM) | ✓ | Product type | Server/Workstation Board |
| Intel Trusted Execution Technology | ✓ | Status | Discontinued |
| Intel Remote PC Assist Technology (RPAT) | ✗ | USB ports quantity | 7 |
| Intel Rapid Storage Technology | ✗ | USB version | 2.0 |
| Intel Quiet System Technology (QST) | ✗ | Maximum memory | 512 GB |
| Intel Quick Resume Technology | ✗ | Supported RAID configuration | Up to SW Raid 5 (LSI + RSTE) |
| Intel® Matrix Storage Technology (Intel® MST) | ✗ | Last change | 63903513 |
| | | Form factor | Custom 16.5" x 16.5" |
| | | Sustainability certificates | ENERGY STAR |
| | | Last order date | Friday, June 30, 2017 |
| | | End of life date announcement | Wednesday, December 21, 2016 |
| | | Additional information URL | http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600gl-gz.html |
| | | Last receipt attributes date | Tuesday, October 31, 2017 |



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