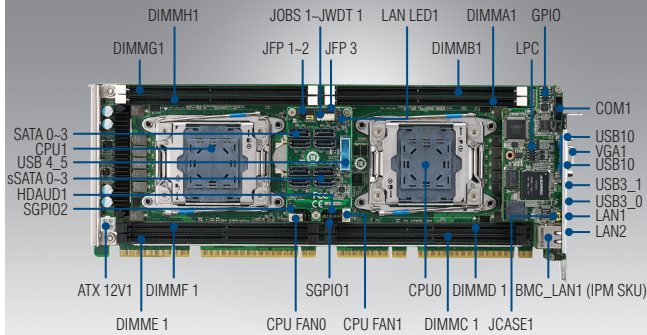


PCE-9228

Dual LGA 2011-R3 Intel Xeon® E5-2600v3 SHB Server Board with C612, DDR4/SATA3.0/USB3.0/Dual GbE

NEW



CE FCC

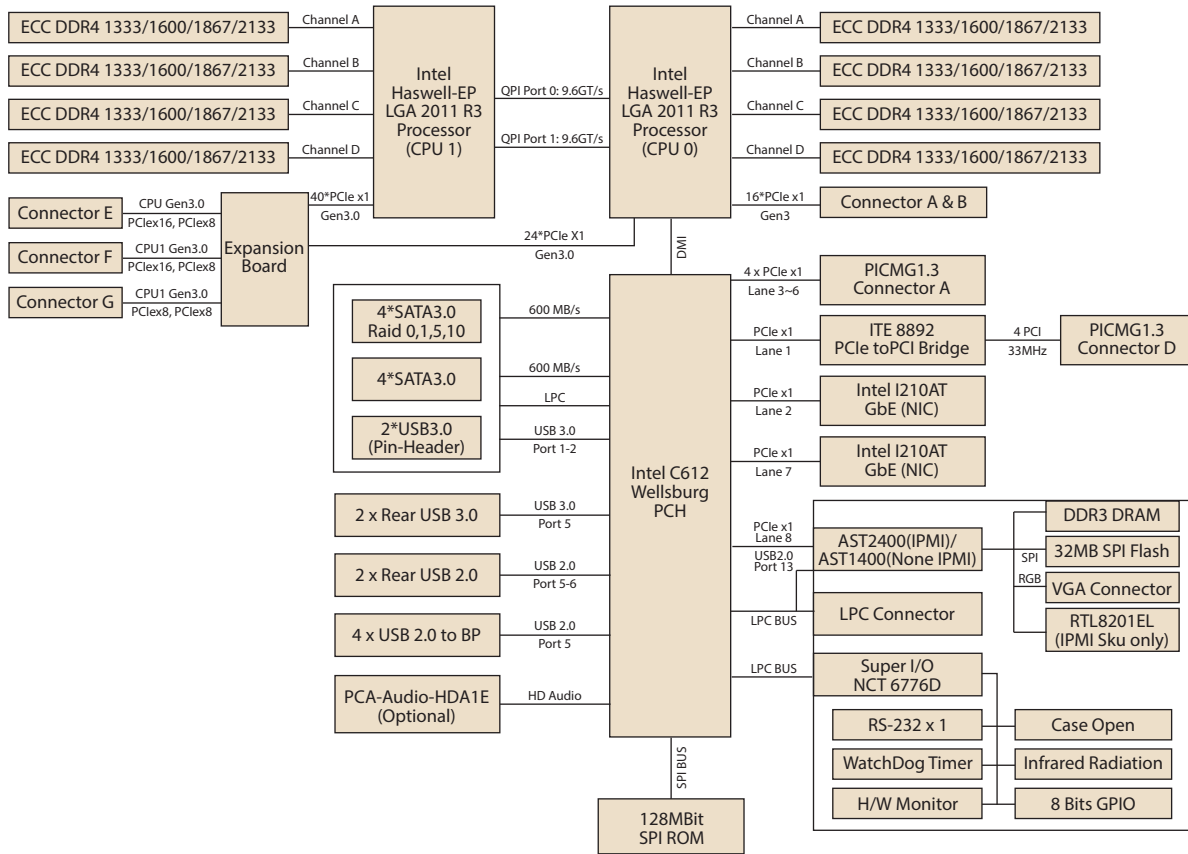
Features

- Supports Dual Intel Xeon E5-2600v3 series processors with C612
- Support DDR4 2133MHz RDIMM up to 256GB
- Support PCIe3.0,USB3.0,SW raid 0, 1, 5, 10
- Support out-of-band remote management with IPMI
- 0 ~ 40° C ambient operation temperature range

Specifications

| | | | | | | |
|--------------------------|------------------------------------|--|-------|--------|-------|-------|
| Processor System | Socket | Intel LGA 2011-R3 | | | | |
| | CPU type | Intel Xeon E5-2600(v3) dual processor (TDP up to 120W per CPU) | | | | |
| Core Logic | Chipset | Intel C612 chipset | | | | |
| | Total slots | 8 (Quad Channel) | | | | |
| Memory | Capacity | Maximum 256 GB ECC RDIMM | | | | |
| | Memory type | DDR4 ECC-REG 2133/1866/1600/1333 MHz DIMM | | | | |
| | Memory size | 1 GB, 2 GB, 4 GB, 8 GB, 16 GB, 32 GB | | | | |
| Bus | PCI-Express | PICMG1.3: One PCIe x16 or Two PCIe x8, PCIe x4 from PCH | | | | |
| | PCI | Expansion Board (ODM optional): Three PCIe x16 and Two PCIe x8 (Total 64 PCIe Links) Four PCI 32bit/33MHz | | | | |
| Graphics | VGA | Aspeed AST2400/1400 64 MB | | | | |
| Storage | SATA controller | 8 SATA3.0 Ports support software raid 0, 1, 5, 10 | | | | |
| Networking | GbE LAN | 2 x Intel I210AT | | | | |
| | USB connector | 2 USB3.0 Ports in one pin header | | | | |
| Onboard I/O Connectors | CPU Fan header | 2 x 4pin | | | | |
| | GPIO | 1 | | | | |
| | LAN LED | 1 | | | | |
| | Audio Header | 1 | | | | |
| | Serial port header | 1 (Pin header 2.0 pitch) | | | | |
| Rear I/O Connectors | External USB port | 4 (2*USB2.0 + 2*USB3.0) | | | | |
| | VGA port | 1 | | | | |
| Management Solution | RJ-45 | 3 (1 port dedicated for IPMI function) | | | | |
| | Software | SUSIAccess | | | | |
| Watchdog Timer | Out of band remote management | IPMI (PCE-9228G2I sku only) | | | | |
| | Output | System reset | | | | |
| Power Requirement | Interval | Programmable 1 ~ 255 sec/min | | | | |
| | Power On | 3.3V | 5V | 12V | 5Vsb | -12V |
| | E5-2680v3 x2 DDR4 RDIMM 16GB x8 | 2.61A | 1.07A | 26.73A | 0.07A | 0.01A |
| Environment | Operating | Non-operating | | | | |
| | Temperature | 0 ~ 40° C, depends on CPU speed and cooler solution | | | | |
| Physical Characteristics | Humidity | -40 ~ 85° C | | | | |
| | Dimensions | 10% ~ 95% (Non condensing) | | | | |
| | | 338 (L) x 122 mm (W) (13.3" x 4.8") | | | | |

Block Diagram



Ordering Information

| Part Number | Chipset | Memory | GbE LAN | IPMI | VGA Chip |
|-------------------|---------|------------|---------|------|----------|
| PCE-9228G2-00A1E | C612 | DDR4 RDIMM | 2 | - | AST 1400 |
| PCE-9228G2I-00A1E | C612 | DDR4 RDIMM | 2 | Yes | AST 2400 |

Note: "I" sku features a dedicated LAN for IPMI function only.

Packing List

| Part Number | Description | Quantity |
|-------------|-------------------|----------|
| 2066922800 | Driver CD | x 1 |
| 2006922810 | Startup manual | x 1 |
| 1700003194 | SATA data cables | x 2 |
| 1703150102 | SATA power cables | x 1 |

Optional Accessories

| Part Number | Description |
|------------------|---|
| PCA-AUDIO-HDA1E | HD Audio-card |
| PCA-TPM-00A1E | TPM Module |
| 1960063011N011 | Cooler IGA-2011 narrow cooler 107 x 70 x 64 for 4U chassis (120W; Puller fan) |
| 1700020277-01 | 2 ports USB3.0 cable w/ BKT(30cm) |
| 1700100250 | COM port cable w/o bracket |
| PCA-COM232-00A1E | 4 ports RS-232 module |
| PCA-COM485-00A1E | 4 ports RS-422/485 module |

I/O View



PCE-9228G2I-00A1E



PCE-9228G2-00A1E