



C60X5 | Technical Datasheet

2U general-purpose server built on the Intel® Eagle Stream platform

Overview

The **C60X5** is a 2U general-purpose server built on the Intel® Eagle Stream platform, supporting 4th and 5th Gen Intel® Xeon® Scalable Processors with up to 64 CPU cores — delivering up to 60% more performance compared to the previous generation. With support for DDR5 memory and PCIe 5.0, the C60X5 provides outstanding bandwidth and scalability for modern compute-intensive workloads.

Application

Cloud & Virtualization, Big Data Analytics, AI Inference

Product Features

Modular Design & Excellent Performance

- Powered by Intel® Xeon® 4th/5th Gen Scalable Processors (up to 350 W TDP)
- 32 DIMM slots, up to 8 TB DDR5-5600 RDIMM
- Intel® AMX built-in for AI acceleration
- Versatile configurations for diverse applications

Expandability & Flexibility

- Up to 12 × 3.5" or 28 × 2.5" HDDs
- Up to 8 × PCIe slots + 1 × OCP 3.0
- Up to 2 × DW GPU slots for enhanced compute

High Reliability & Easy Maintenance

- 1+1 redundant PSUs for continuous uptime
- Efficient thermal design for stable performance
- Remote management for simplified operations

C60X5 Server Technical Specifications

| | | |
|-----------------------------|----------|--|
| CPU | | 2 * Intel® Xeon®4th&5th SPR/EMR Processors up to 350W |
| Memory | | Up to 32 * DDR5 DIMM Slots, up to 5600MT/s, support RDIMMs & LRDIMMs |
| Storage | Front | 12 * LFF SATA/SAS/NVMe |
| | | 24 * SFF SATA/SAS/NVMe |
| | | Internal: 2 * 2280 M.2 (SATA/NVMe) onboard slots |
| | | Rear: 4 * SFF SATA/SAS/NVMe |
| PCIe Extension | | Option1: 2 * PCIe5.0 x16 FHFL + 4 * PCIe4.0 x8 FHHL |
| | | Option2: 2 * PCIe5.0 x16 FHFL + 2 * PCIe4.0 x16 FHHL + 2 * PCIe4.0 x8 FHHL |
| | | OCP3.0 |
| Enclosure Management | | BMC: AST2600, 1 * dedicated RJ45 MGMT port |
| IO | Front IO | 2 * USB3.0 Type-A Receptacles |
| | | 1 * PWR BTN with 1 * PWR Indicator |
| | | 1 * Status LED |
| | | 1 * VGA |
| | | 1 * UID button& LED |
| | Rear IO | 2 * USB3.0 Type-A Receptacles |
| | | 1 * VGA |
| | | 1 * UART Port Over RJ45 |
| | | 1 * UID button& LED |
| | | 2 * 1000 BASE-T onboard LAN Ports 1 * GbE MGMT Port (Not both Front MGMT Ports) |
| Cooling | | 4 * 8056 FANs, N+1 Redundancy |
| Operating Temp. | | 5°C - 35°C |
| PSU | | 1+1 Redundancy (1300W/1600W/2000W) |
| Dimension | | 86mm (H) x 447mm (W) x 815mm (D) |

Partner with Creox to Scale Smarter

For more information or to book a demo session, contact sales@creoxtech.com

