

Server ZR520

Uncompromised Performance
Unmatched Reliability



AXL Super Server ZR520 Key Features

1. **Powerful Performance:** Intel 5th/4th Generation Processor (5nm) for high-speed computing.
2. **High-Speed Memory:** 8-channel DDR5 RDIMM, up to 16 DIMMs for faster data processing.
3. **Advanced Networking:** 2 x 10Gb/s BASE-T LAN ports (BCM57416) 2 x 1Gb/s LAN ports (Intel® I210-AT) NCSI function supported 1 x 10/100/1000 management LAN
4. **Flexible Storage:** 3 x SlimSAS with 12 x SATA 6Gb/s ports 2 x 7-pin SATA DOM 6Gb/s ports

Specifications

- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- 8-Channel DDR5 RDIMM, 16 x DIMMs
- Intel® C741 Chipset
- 2 x 10Gb/s LAN ports via Broadcom® BCM57416
- 2 x 1Gb/s LAN ports via Intel® I210-AT
- 3 x SlimSAS connectors for 12 x SATA 6Gb/s
- 2 x SATA 6Gb/s ports
- 2 x M.2 slots with PCIe Gen4 x4 interface
- 6 x PCIe Gen5 x16 expansion slots
- 2U Rack Chassis
- All Necessary C13-C14 Power Cables
- 3 Years Warranty

Redefining performance for the workloads of the future.

Designed for versatility, efficiency and seamless manageability.

As a proudly Made-in-India product and the India's best-selling server, the AXL Super Server ZR520 is designed to adapt to any environment from large enterprises to remote branch offices. With Intel, the ZR520 is now even better, delivering enhanced reliability, serviceability, and continuous availability, all backed by a comprehensive warranty.

With the AXL Super Server ZR520, you can deploy a single, high-performance platform to handle a diverse range of enterprise workloads, including:

- **Virtualization** – Maximize efficiency by consolidating multiple workloads on a single ZR520 server.
- **Big Data** – Seamlessly manage exponential data growth, whether structured, unstructured, or semi-structured.
- **Storage-Centric Applications** – Eliminate bottlenecks and enhance performance for data-intensive operations.
- **Data Warehousing & Analytics** – Gain real-time insights to drive smarter business decisions.
- **Customer Relationship Management (CRM)** – Achieve a 360-degree view of customer data to enhance satisfaction and loyalty.
- **Enterprise Resource Planning (ERP)** – Rely on the ZR520 for near real-time business operations and streamlined workflows.
- **Virtual Desktop Infrastructure (VDI)** – Empower your workforce with flexible remote desktop solutions accessible from any device, anytime, anywhere.
- **SAP® Integration** – Optimize business processes with real-time transparency and seamless end-to-end data management.

Proudly Made in India, the AXL Super Server ZR520 is engineered for flexibility, efficiency, and superior manageability—setting a new standard for enterprise computing.



Specifications

Specifications	Details
Dimensions	735x438x87(mm), 28.94"x17.24"x3.43"
Internal I/O	2 x CPU fan headers, 4 x System fan headers, 1 x USB 3.2 Gen1 header, 1 x TPM header, 1 x Front panel header, 1 x HDD back plane board header, 1 x PMBus connector, 1 x IPMB connector, 1 x Clear CMOS jumper, 1 x BIOS recovery jumper, 1 x Buzzer
Computation	System on Chip –CPU, High Performance & Efficiency, Compact & Power-Efficient
LAN	2 x 10Gb/s BASE-T LAN ports (BCM57416) 2 x 1Gb/s LAN ports (Intel® I210-AT)
	NCSI function supported 1 x 10/100/1000 management LAN
Board Management	Aspeed® AST2600 management controller Management
	Console (AMI MegaRAC SP-X)
SATA	3 x SlimSAS with 12 x SATA 6Gb/s ports
	2 x 7-pin SATA DOM 6Gb/s ports
Operating Properties	Operating temperature: 10°C to 40°C
	Operating humidity: 8-80% (non-condensing)
	Non-operating temperature: -40°C to 60°C
	Non-operating humidity: 20%-95% (non-condensing)
TPM	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
Bulk Packaging Content	AXL Super Server 520U – Standard Power Cables , User Manual 10 x I/O shields
	Carton dimensions: 600 x 473 x 495 mm (Need to replace with Server Packaging carton)

Let AXL help guide you to the New Style of IT. AXL Services delivers confidence, reduces risk, and helps you realize greater agility and stability.

- Our Consulting services provide advice and guidance to safely move your workloads to newer technologies.
- AXL implementation and installation services enable faster, more reliable startup of your new AXL Servers, and our support portfolio allows you to get connected and get back to business fast.
- Our support technology lets you tap into the knowledge of millions of devices and thousands of experts to stay informed and in control, anywhere, any time.