

Hybrid Flash Storage

OJ340A-RS60

Optimize Capacity and Performance
for AI/HPC 2nd Tier Workloads



Key Applications

Big Data & Analytics, Data Lake, HPC and AI/ML Workloads, Cloud Service Providers, Financial Services & Healthcare, Content Repositories, Government Data Protection.

Key Benefits

Outstanding Performance

- Ready for 96 core AMD EPYC 9004-series processors with support for up to 360 W TDP.
- 12 x DDR5 4800 RDIMM for up to 3TB RAM.
- Support 6 bay NVMe high-performance storage pool.

High Density Storage

- 60 tool-less top-loading 3.5" drive trays with built-in light pipe for drive status LED
- High-density storage up to 1.4 PB raw capability.
- 800W 2+2 , 80+ redundant power supply

Versatile Connectivity

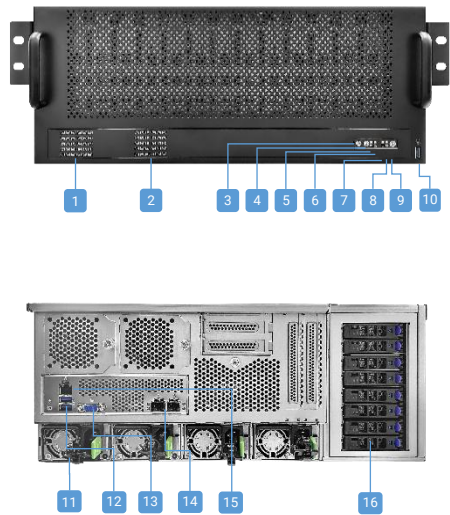
- Support built-in dual 25 GbE (SFP28).
- Support 2 x quad port 25GbE , 2 x dual port for 100GbE , 2 x dual port for 200GbE or IB NIC.

Modern Simplicity

- Onboard ASUS ASMB11-iKVM with ASPEED AST2600 controller for out-of-band management with intuitive GUI.
- Through a user-friendly web-based graphical interface compatible with all major browsers. ASUS Control Center (ACC) further enhances IT infrastructure management.

OJ340A-RS60

Appearance



- 1. HDD States LED (1-30)
- 2. HDD States LED (31-60)
- 3. System Reset Button
- 4. System ID Button
- 5. System ID LED
- 6. System Fail LED
- 7. Drive Activity LED
- 8. Power Status LED
- 9. Power Button
- 10. 1x USB 3.2 Gen1
- 11. Power Supply Unit
- 12. 2x USB 3.2 Gen1
- 13. 1x VGA port
- 14. 2x SFP28 25Gb/s
- 15. 1x RJ45 Management Port
- 16. Drive Bay

System Specification

Model Name	OJ340A-RS60
Architecture	1 x Socket SP5 (LGA 6096)
CPU	
Processor	AMD EPYC™ Genoa Processor (up to 360W)
Memory	
Memory Module	DDR5 4800 RDIMM/3DS RDIMM
Total Memory Slots	12 (12-channel, 1-DIMM per Channel)
Memory Expandable up to	Maximum up to 3TB
Storage	
Drive Bays	3.5" Slot x 60 (SATA / SAS)
Drive Bays	2.5" Slot x 6 (NVMe)
Drive Bays	2.5" Slot x 2 (SATA)
Compatible Drive Type	3.5" & 2.5" SATA, SAS, NL-SAS, SED HDD 2.5" NVMe , SED SSD 2.5" SATA , SED SSD
Drive Interface	SATA3 6Gb/s , SAS3 12 Gb/s
Maximum Internal Raw Capacity	1.4PB (calculate 24TB HDD)
Hot Swappable Drive	Yes
Connectivity Port	
PCIe Expansion	2 x PCIe Gen5 x16 (FH, HL) 2 x PCIe Gen5 x8 (HH, HL)
1 GbE LAN Port	1 x RJ-45 (onboard)Management port
25 GbE SFP28 LAN Port	2 (onboard) / 4 (option)
100 GbE QSFP56 LAN Port	2 (option)
200 GbE QSFP112 LAN Port	2 (option)
Expansion and External Port	
12 Gb/s SAS HBA / HW RAID	option
USB Port (Front)	1 x USB 3.2 Gen1 ports
USB Port (Back)	2 x USB 3.2 Gen1 ports
Others	1 x VGA port ,
Appearance	
Dimension (H x W x D) (mm)	176 x 434 x 878.5
Net Weight (kg)	33.3 kg
Gross Weight (kg)	59.1 kg
Others	
System Fan	Middle : 4 x 80x38mm
Power Supply Unit	800 W 2+2 redundant (80 PLUS Platinum)
Certification	CE / FCC / BSMI
Environment	
Operation temperature	10°C to 30°C
Non operation temperature	0°C to 50°C
Non operating humidity	20% to 90% (Non condensing)