

ULYS 1.10E

AMD EPYC™ based Storage Server

ULYS 1.10: Truly optimized Storage Server for your unique workload

DESIGN PRINCIPLES

- Compact form factor for true density.
- I/O options for network optimization.
- True storage choice (SAS/SATA/NVMe).
- Maintenance optimized (2.5" lockable tool-less drive trays).



TOP APPLICATIONS



Storage



Big Data



VDI



HCI

KEY BENEFITS

- Easy maintenance
- Compact and powerful
- Simple to specify

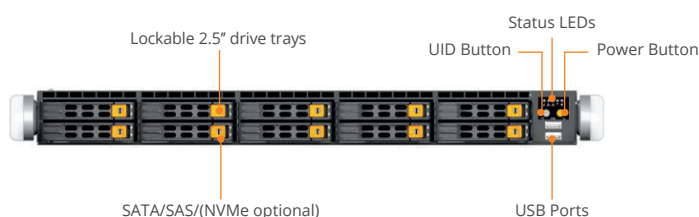
KEY FEATURES

Unique solution which supports :

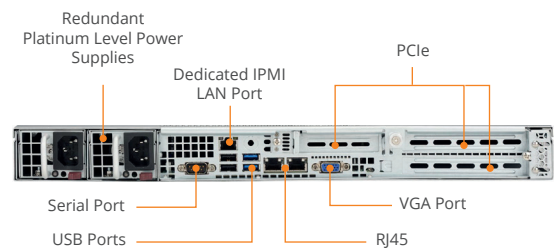
- AMD EPYC™ 7003/7002 Processors (up to 64 cores)
- Single socket SP3 (LGA4094)
- Dual LAN Ethernet
- Up to 16x DIMM slots
- Up to 4TB Registered ECC DDR4-3200
- Aspeed® AST2500 remote management controller

OVERVIEW

FRONT VIEW



REAR VIEW



SPECIFICATIONS

System

Model	ULYS 1.10E
Form Factor	1U
Dimension	597 x 437 x 43 23.5" x 17.2" x 1.7" (D x W x H)
Sled	-
Weight	15 kg 33 lbs

Storage

Front type	8x 2.5" SAS3/SATA3 HDD/SSD 2x SAS3/SATA3/NVMe
Rear type	-

Motherboard

CPU	AMD EPYC™ 7003/7002 Processors (up to 64 cores)
Chipset	AMD
Expansions slots	2x PCIe 4.0 x16 (FH/HL) 1x PCIe 4.0 x8 (LP)
M.2 connector	2x M.2 SATA/NVMe slot
Network	Up to 2x 10GbE base-T

Processors

Socket type	Single socket SP3
Supported CPU	AMD EPYC™ 7003/7002 Processors (up to 64 cores)
TDP	Up to 280W

Memory

Quantity	Up to 16x DIMM slots
Capacity	Up to 4TB Registered ECC DDR4-3200
Speed	DDR4 3200 MHz Registered ECC
Channels	8x channels per CPU

Server management

BMC	IPMI 2.0 with KVM support
Chipset	Aspeed® AST2500
TPM	TPM Header for SPI interface

Front I/O

Button	1x Power 1x System reset
LED	2x Network activity 1x Power status 1x HDD activity 1x System Overheat LED / Fan fail LED / UID LED
Port	2x USB

Back I/O

Button	-
LED	1x UID
Port	4x USB 2x RJ45 Ethernet 1x COM 1x VGA 1x IPMI

Internal connector

Port	-
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System Cooling

Fans	4x fans (2 more can be added in option)
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Power Input

Type	700W/750W Redundant Power Supplies 80+ Platinum certified
Input Range	100 - 140Vac / 8 - 6A / 50 - 60Hz 200 - 240Vac / 4.5 - 3.8A / 50 - 60Hz 200 - 240Vdc / 4.5 - 3.8A (CCC Only)
DC Output	700W: +12V Max: 58A / +5V sb Max: 3A 750W: +12V Max: 62A / +5V sb Max: 3A

Operating Environment

RoHS	RoHS compliant
Temperature	Operating temperature: 10°C to 35°C Non-operating temperature: -40°C to 70°C
Humidity	Operating humidity : 8-90% (non-condensing) Non-operating humidity : 5-95% (non-condensing)