

Ray 1E

HCI / VDI server

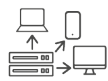
Ray 1E is a **1U server** supporting **AMD EPYC™ Series Processors**.
The latest server to **provide a desktop cloud infrastructure** with deeply **converged hardware and software**, making desktop user experience **smooth, stable, secured and efficient**.

DESIGN PRINCIPLES

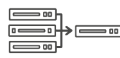
- Start with 2 nodes and flexibility scale out on demand, significantly lowering entry threshold.
- External storage arrays reuse, maximizing the value of existing investment.
- Supports AMD EPYC™ 7002 Series.



TOP APPLICATIONS



Virtual Desktop
Infrastructures



Hyperconverged
Infrastructures

KEY BENEFITS

- Easy implementation
- Flexible design
- Optimized performance

KEY FEATURES

Unique solution which supports :

- AMD EPYC™ 7002 Series
- Up to 12x 2.5" hot-swap bays
- High memory availability up to 16 DIMM slots max 2TB
- VDI license 50 users
- 3 years support (advanced part)

OVERVIEW



SPECIFICATIONS

System

Model	Ray 1E
Form Factor	1U
Dimension	615 x 444 x 44mm 24,21" x 17,48" x 1,73" (D x W x H)
Sled	-
Weight	17 kg (37,48 lbs)

Storage

Front type	12x 2.5" hot-swap bays (Supports 12x 2.5" NVMe/SATA/SAS Devices)
Rear type	-

Motherboard

CPU	AMD EPYC™ 7002 Series
Chipset	-
Expansions slots	1x PCIe 4.0 x16 slot (Gen 4 x16 link);FH, HL (LP only when RS12U) 1x PCIe 4.0 x8 slot (Gen 4 x8 link);FH, HL (Occupied when RS12U) 1x OCP 2.0 Mezzanine Conn. (Gen 4 x16 link)
M.2 connector	1x M.2 (2280/2260) (Support SATA 6Gb/s and PCIe Gen3 x4 link)
Network	1x Dual Port Intel® I350-AM2 Gigabit LAN controller 1x Mgmt LAN

Processor

Socket type	1 Socket SP3
Supported CPU	1x AMD EPYC™ 7402P (24C 48T)
TDP	225 W

Memory

Quantity	16x DDR4 RDIMM, LRDIMM, LR-DIMM 3DS
Speed	Up to 2048 GB LRDIMM
Channels	16

Server management

BMC	On-Board ASMB9-iKVM for KVM-over-IP
Chipset	Aspeed® AST2500
TPM	-

Front I/O

Buttons	-
LEDs	-
Port	2x USB 3.0 1x VGA

Back I/O

Buttons	-
LEDs	-
Port	2x USB 3.0 1x VGA 2x RJ45 1GbE LAN 1x RJ45 Management 1x COM

System Cooling

Fans	Air cooling
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Power Input

Type	1+1 Redundant 650W 80 PLUS Platinum Power Supply
Input Range	100-127Vac/200-240Vac, 10A/5A, 50/60Hz, Class I

Warranty

Length	3 years support (advanced part)
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Operating Environment

RoHS	-
Temperature	Operating temperature: 10°C to 35°C Non-operating temperature: -40°C to 70°C
Humidity	Non operation humidity: 20% ~ 90% (Non condensing)