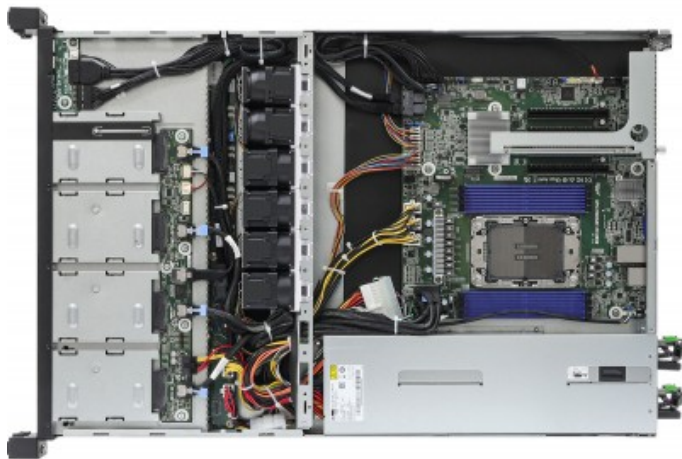


# ASRock 1U4L4E-EGS/2T, RACK 1U, UP, 4/5Gen. Intel Xeon Scalable, 4xSFF, 4xSFF 9.5mm, 2x10GbE, Red. PSU, IPMI

Part number: 1U4L4E-EGS/2T



Order option	Barebone
Chassis Form Factor	Rack 1U
CPU Socket	LGA 4677 (Socket E)
# of CPU sockets	1
Supported CPU's	Intel Xeon Scalable 5th Gen Intel Xeon Scalable 4th Gen
Max CPU TDP	300 W
Chipset	Intel C741
Memory Type	DDR5 ECC RDIMM
Memory Speed	5600 MT/s 4800 MT/s
# of DIMM's	8
Max Memory Size	2 TB
Integrated GPU	ASPEED AST2600
# of 2.5 hot-swap bays	8
Backplanes	NVMeG5/SAS3/SATA3
# of PCIe x16 5.0	1
# of USB Ports	4 x USB 3.2
Storage interface	Native NVMe Native SATA Optional SAS
# of M.2 2280	1
# of 10GbE Ports	2 x RJ45
Network Controllers	Intel X550
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2600
TPM	1 x TPM 2.0 14-pin Header
Power Supply	Redundant
PSU Wattage	750 W
PSU Certification	80+ Platinum
Rack Rails	Included
Chassis Dimensions	676.5 x 438 x 43.4 mm

## **PLEASE NOTE !!!**

*The offered product is a platform only for building your own system configuration (does not include CPU, memory modules and hard drives).*

*If you are going to buy a system ready to go with CPU, RAM, HDD/SDD and other options, you are welcome to send us an inquiry.*

*We have the best prices and availability for complete solutions. We provide full technical support for*

systems purchased from us.

# 1U4L4E-EGS/2T

- 1U Rackmount with 1+1 Platinum 750W Slim PSU
- Single Socket E (LGA 4677), supports 5th and 4th Gen Intel® Xeon® Scalable processors
- 8 DIMM slots (1DPC), supports DDR5 RDIMM/ RDIMM-3DS
- 4 Hot-swap 2.5" NVMe (PCIe5.0 x4)/SATA/SAS\* drive bays, 4 Hot-swap 3.5" SATA drive bays
- 1 FHHL PCIe5.0 x16
- Supports 1 M.2 (PCIe3.0 x4)
- 2 RJ45 (10GbE) by Intel® X550
- Remote management (IPMI)

## Specifications

System	
Form Factor	1U Rackmount
Dimensions	676.5 x 438 x 43.4 mm (26.6" x 17.2" x 1.7")
Support MB	<a href="#">SPC741D8UD-2T/X550</a>
Front Panel	
Buttons	Power w/ LED, UID w/ LED, System Reset
LEDs	HDD Activity, LAN 1/2 Activity, System Event
I/O Ports	2 Type-A (USB2.0)
External Drive Bay / Storage	
Front Side Drive Bay	4 Hot-swap 2.5" NVMe (PCIe5.0 x4)/SATA/SAS* drive bays 4 Hot-swap 3.5" SATA drive bays *SAS drive is only supported with additional RAID/HBA cards
Front Side Backplane	4-ports NVMe/SATA/SAS* passive backplane, 4-ports SATA passive backplane
Internal Side	1 M-key (PCIe3.0 x4); support 2280 form factor
Power Supply	
Type	1+1 Slim PSU
Output Watts	750W
Efficiency	80-PLUS Platinum
AC Input	100-240V, 60/50Hz
System Fan	
Fan	6 PWM Hot-swap 40x56 mm fans
Processor System	
CPU	Supports 5th and 4th Gen Intel® Xeon® Scalable processors
Socket	Single Socket E (LGA 4677)
Thermal Design Power	max. up to 300W
Chipset	Intel® C741
System Memory	
Supported DIMM Quantity	8 DIMM slots (1DPC)
Supported Type	288-pin DDR5 RDIMM/ RDIMM-3DS

Max. Capacity per DIMM	RDIMM: 96GB RDIMM-3DS: 256GB
Max. DIMM Frequency	5600 MT/s on 5th Gen Intel® Xeon® Scalable Processors 4800 MT/s on 4th Gen Intel® Xeon® Scalable Processors *Memory speed and capacity support varies by CPU SKU
Voltage	1.1V
<b>PCIe Expansion Slots (SLOT7 close to CPU)</b>	
PCIe x 16	1 FHHL PCIe5.0 x16 via RB1UX16R_G5
<b>Ethernet</b>	
Additional GbE Controller	2 RJ45 (10GbE) by Intel® X550-AT2
<b>Server Management</b>	
BMC Controller	ASPEED AST2600: IPMI2.0 with iKVM and vMedia support
IPMI Dedicated GLAN	1 RJ45 Dedicated IPMI LAN port by Realtek RTL8211F
<b>Graphics</b>	
Controller	ASPEED AST2600
<b>Rear I/O</b>	
UID Button/LED	1 UID button w/ LED
VGA Port	1 DB15 (VGA)
USB 3.2 Gen1 Port	2 Type-A (USB3.2 Gen1)
RJ45	2 RJ45 (10GbE), 1 dedicated IPMI
<b>System BIOS</b>	
BIOS Type	AMI UEFI BIOS; 512Mb SPI Flash ROM
BIOS Features	Plug and Play (PnP), ACPI 4.0 and above compliance wake up events, SMBIOS 3.4 and above, ASRock Rack Instant Flash
<b>Hardware Monitor</b>	
Temperature	CPU, PCH, MB, Card side Temperature Sensing
Fan	Fan Tachometer CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) Fan Multi-Speed Control
Voltage	1.05V_PCH, 1.8V_PCH, +BAT, PVNN_PCH, 3.3V, 5V, 12V, 3.3VSB, 5VSB, 12V, +12VSB
<b>Environment</b>	
Temperature	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C
Humidity	Non operation humidity: 20% ~ 90% ( Non condensing)

The specification is subject to change without notice in advance. ASRock Rack is the official trademark for ASRock Rack Inc., all the covers need to remain the original brand name without any modification. All other brands, names and trademarks are the property of their respective owners.

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<https://www.superstorage.pl/asrock-1u4l4e-egs2t-rack-1u-up-45gen-intel-xeon-scalable-4xsff-4xsff-95mm-2x10gbe-red-psu-ipmi-p-7577.html>

