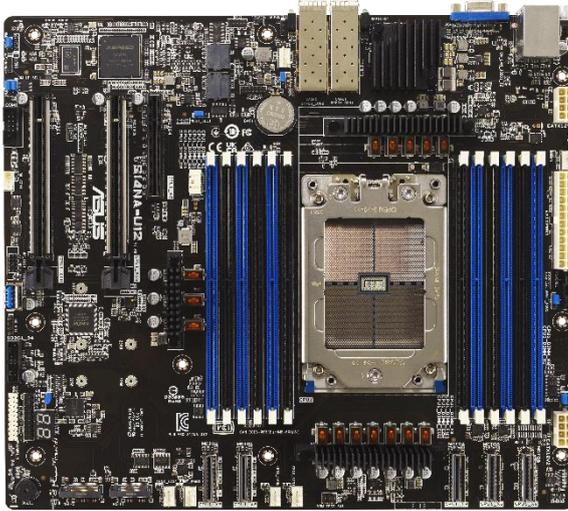


S14NA-U12

CEB form factor with versatile expansions



 / **CEB**
 / **1**
 / **12**

ASUS S14NA-U12 leverages the impressive performance and streamlined platform componentry of AMD EPYC™ 8004 processors, enabling original equipment manufacturers (OEMs) to offer cost-effective, business-relevant server configurations.

FEATURE

- 64-core AMD EPYC™ platform CEB server board
- Dual SFP28 25 Gbps
- 12 x DIMM slots
- 2 x M.2 support
- 3 x PCIe Gen5 Expansion Slots
- 5 x MCIO Gen5

Target market

- Telco deployments
- Cloud service
- Edge

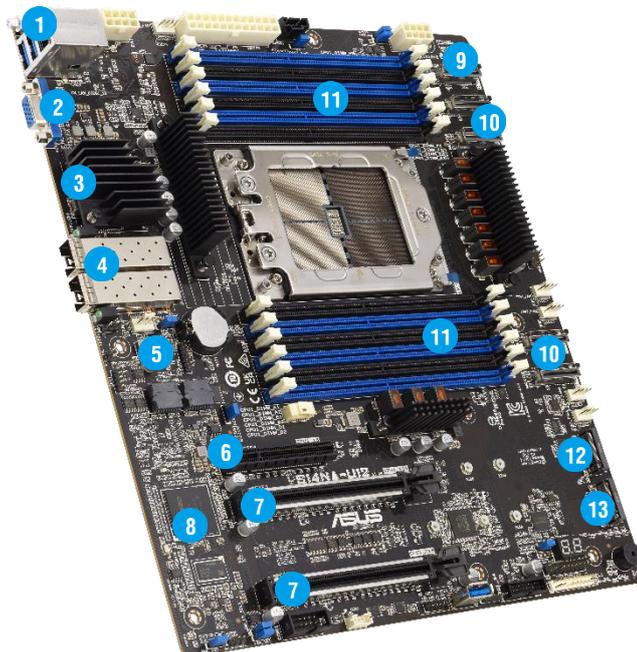
Dual SFP28 25-gigabit Ethernet with teaming support

S14NA-U12 provides ultra-high-speed network connectivity, with each SFP28 25-gigabit Ethernet connection offering up to 25 Gbps bandwidth, vastly outperforming traditional gigabit Ethernet. This speed enhances data-traffic handling, thereby improving application performance.

Flexible expandability

S14NA-U12 also boasts flexible expandability with five MCIO slots, and M.2 supporting both NVMe and SATA drives onboard. This design offers versatile storage options, allowing users to choose between NVMe and SATA drives to meet a variety of storage needs. Additionally, it ensures high performance with support for NVMe drives, making it ideal for data-intensive applications like databases and high-performance computing.

1. 2 x USB 3.2 Gen1, 1 x Management LAN
2. 1 x VGA port
3. Broadcom BCM57414B1KFSBG
4. 2 x SFP28 25Gb/s
5. 1 x TPM header
6. 1 x PCI-E x8 (Gen5 x 8Link)
7. 2 x PCI-E x16 (Gen5 x 16Link)
8. Aspeed AST2600
9. 1 x MCIO Gen5x8 (SATA or NVMe)
10. 4 x MCIO Gen5x8 (NVMe)
11. 12 x DIMM slots
12. 1x M.2 Socket, up to 2280
13. 1x M.2 Socket, up to 22110



S14NA-U12 Rear View



12"x10.5" (CEB)

S14NA-U12

SPECIFICATION

Processor Support.		1 x Socket SP6 (LGA 4844)	
Core Logic		AMD EPYC™ 8004 Series	
Memory	Total Slots	12 (6-channel, 2-DIMM per Channel)	
	Capacity	Maximum up to 3TB	
	Memory Type	DDR5 4800/4000/3600 RDIMM/3DS RDIMM *Please refer to www.asus.com for latest memory AVL update	
	Memory Size	256GB, 128GB, 96GB, 64GB, 48GB, 32GB, 24GB, 16GB (RDIMM) *Please refer to www.asus.com for latest memory AVL update	
Expansion Slots	Total PCI/PCI-X/PCI-E/PIKE Slots	3	
	Slot Type	2 x PCIe 5.0 x 16 slot (x16 link) (Can support x16 to x4x4x4x4) (BIOS setting) FL 1 x PCIe 5.0 x 8 slot (x8 link) FL	
Disk Controller	SATA Controller	CPU Integrated	
Networking	LAN	2 x SFP28 25Gb/s (Broadcom BCM57414B1KFSBG) + 1 x Mgmt LAN	
Graphic	VGA	Aspeed AST2600 64MB	
Onboard I/O connectors	TPM header	1	
	PSU connector	24-pin SSI power connector + 8-pin SSI 12V + 8-pin SSI 12V	
	USB Connector/Header		2 x USB 3.2 Gen1 ports(rear)
			1 x USB 3.2 Gen1 header (2 port for front panel)
			1 x USB 3.2 Gen1 port (1 port Type-A vertical)
	Fan Header	6 x 4pin	
	SMBus	1	
	Chassis Intruder	1	
	Serial Port Header	1	
	VGA Header	1	
	M.2 Connector	1 x M.2 (PCIe Gen5x4, support 22110) (SATA Mode support) 1 x M.2 (PCIe Gen5x4, support 2280) (SATA Mode support)	
Rear I/O Ports		2 x USB 3.2 Gen1 ports 1 x VGA port 2 x SFP28 25Gb/s 1 x RJ-45 Management port	
Switch/LED		1 x Q-Code/Port 80 LED, 1 x Power switch	
OS Support		Please find the latest OS support from https://www.asus.com/event/Server/OS_support_list/OS.html	
Management Solution	Software	ASUS Control Center	
	Out of Band Remote Management	ASMB11-iKVM module for KVM-over-Internet	
Dimension		CEB 12" x 10.5"	
Environment		Operation temperature: 10°C ~ 35°C Non operation temperature: -40°C ~ 70°C Non operation humidity: 20% ~ 90% (Non condensing)	