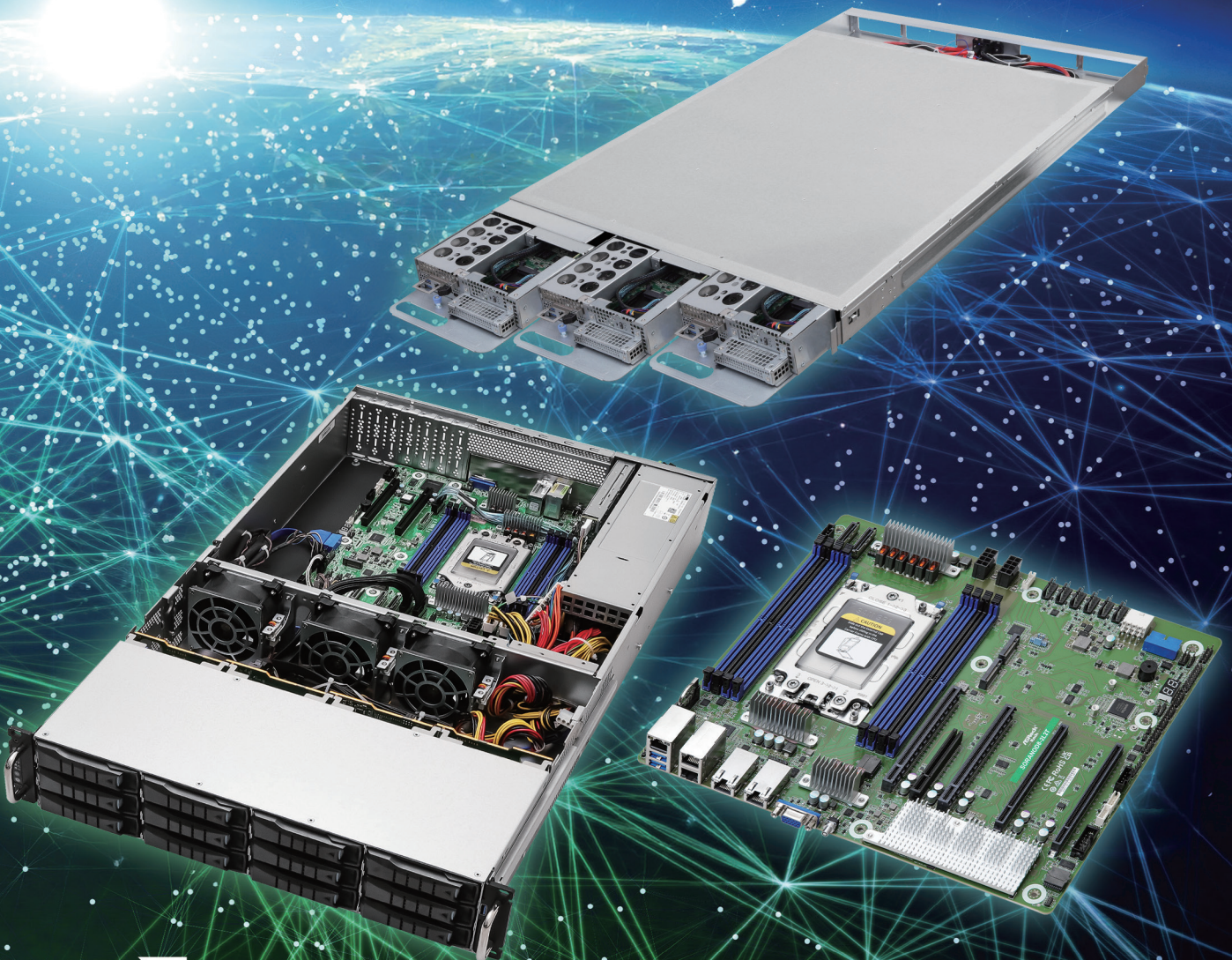


AMD EPYC™ 8005 Processors

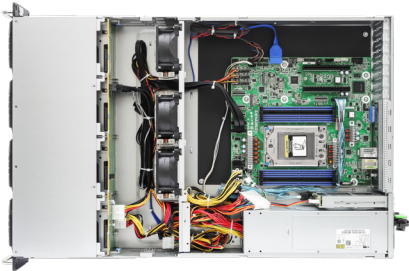
Leadership Performance per Watt for Telco, Edge, and Cloud Storage

General Purpose Storage/OCP/Server Motherboards



2U12L2S-SIENA

CPU	Socket	1 Socket SP6 (LGA 4844) AMD EPYC™ 8005/8004 series processors
DIMM	Slot	8 DDR5 288-pin DIMM slots; supports RDIMM, RDIMM-3DS
System Physical Status	Form Factor	2U Rackmount
	Chassis Dimension	680 x 430 x 88 mm (26.7" x 16.9" x 3.5")
Front Panel	Buttons	Power button w/ LED, ID button w/ LED, System reset
	LEDs	HDD Activity, LAN Activity, System Event
	I/O	1 Type-A (USB3.2 Gen1)
Rear IO	RJ45	2 RJ45 (1GbE) by Intel® i210 1 dedicated IPMI
	USB	2 Type-A (USB3.2 Gen1)
	Others	1 DB15 (VGA), 1 UID button w/ LED
Expansion Slots	Front	2 HHHL PCIe5.0 x16
Drive Bay/ Storage	External	Front: 12 Hot-swap 3.5" SATA drive bays Rear: 2 Hot-swap 2.5" SATA drive bays, supports 7mm height
	Internal	2 M-key (PCIe5.0 x4), supports 22110/2280 form factor
Power Supply	Module	1+1, 80-PLUS Platinum, 800W CPSU
System Cooling	Fan	3 PWM Hot-swap 80x38 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory



3U16L2S-SIENA

CPU	Socket	1 Socket SP6 (LGA 4844) AMD EPYC™ 8005/8004 series processors
DIMM	Slot	8 DDR5 288-pin DIMM slots; supports RDIMM, RDIMM-3DS
System Physical Status	Form Factor	3U Rackmount
	Chassis Dimension	680 x 430 x 133 mm (26.7" x 16.9" x 5.2")
Front Panel	Buttons	Power button w/ LED, ID button w/ LED, System reset
	LEDs	HDD Activity, LAN Activity, System Event
	I/O	2 Type-A (USB3.2 Gen1)
Rear IO	RJ45	2 RJ45 (1GbE) by Intel® i210 1 dedicated IPMI
	USB	2 Type-A (USB3.2 Gen1)
	Others	1 DB15 (VGA), 1 UID button w/ LED
Expansion Slots	Front	2 FHHL PCIe5.0 x16
Drive Bay/ Storage	External	Front: 16 Hot-swap 3.5" SATA drive bays Rear: 2 Hot-swap 2.5" SATA drive bays
	Internal	2 M-key (PCIe5.0 x4), supports 22110/2280 form factor
Power Supply	Module	1+1, 80-PLUS Platinum, 800W CPSU
System Cooling	Fan	3 PWM Hot-swap 80x38 mm fans
Management		ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory



20U3N-SIENA

CPU (per sled)	Socket	1 Socket SP6 (LGA 4844) AMD EPYC™ 8005/8004 series processors
DIMM (per sled)	Slot	10 DDR5 288-pin DIMM slots; supports RDIMM, RDIMM-3DS
System Physical Status	Form Factor	20U, Three-bay Shelf for ORv3
	Chassis Dimension	573 x 800 x 88 mm (22.56" x 31.5" x 3.5", Shelf Dimensions)
Front Panel (per sled)	Buttons	Power, UID button w/ LED, reset button
	LEDs	Power, system fault LED
	I/O	1 Mini-DisplayPort (VGA), 2 Type-A (USB3.2 Gen1)
Rear Panel	Power connector	1 IT Gear connector for ORv3 50V busbar
Expansions Slots (per sled)	External	1 HHHL PCIe5.0 x16 1 OCP NIC 3.0 (PCIe5.0 x16)
	Internal	
Drive Bay/Storage (per sled)	External	4 Hot-swap 2.5" NVMe (PCIe4.0 x4) drive bay
	Internal	2 M-key (PCIe5.0 x4 or SATA 6Gb/s), supports 22110/2280 form factor
Power Supply	Module	Centralized 50V busbar to OCPV3_PDB/1V distributed up to 1000W
System Cooling (per sled)	Fan	2 system fans (80 x 56 mm)
Management (per sled)	BMC	ASPEED BMC AST2600
Security (per sled)		TPM by optional accessory



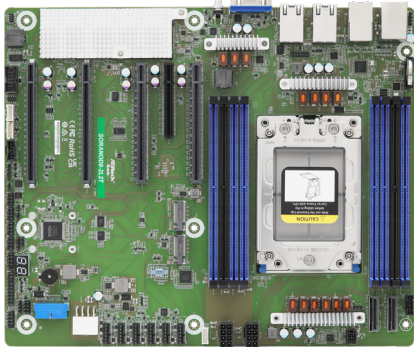
10U3N-SIENA/ORV3

CPU (per sled)	Socket	1 Socket SP6 (LGA 4844); supports: AMD EPYC™ 8005/8004 series processors
DIMM (per sled)	Slot	10 DDR5 288-pin DIMM slots; supports RDIMM, RDIMM-3DS
System Physical Status	Form Factor	10U, three-bay shelf for ORv3
	Chassis Dimension	537 x 800 x 45.5mm (21.1" x 31.5" x 1.79", shelf dimensions)
Front Panel (per sled)	Buttons	Power button, reset button, UID button w/ LED
	LEDs	Power LED, system event LED
	RJ45	1 dedicated IPMI
	I/O	1 Mini-DisplayPort (VGA), 2 Type-A (USB3.2 Gen1)
Rear Panel	Power connector	1 IT Gear connector for ORv3 50V busbar
Expansions Slots (per sled)	External	1 OCP NIC 3.0 (PCIe5.0 x16)
Drive Bay/Storage (per sled)	External	1 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bay
	Internal	2 M-key (PCIe5.0 x4 or SATA 6Gb/s), supports 22110/2280 form factor
Power Supply	Module	Centralized 50/48V busbar to 10U3N_PDB_V3, distributing up to 1600W
System Cooling (per sled)	Fan	4 dual-rotor fixed 40x56mm fans
Management (per sled)		ASPEED BMC AST2600
Security (per sled)		TPM (13-pin, SPI) by optional accessory



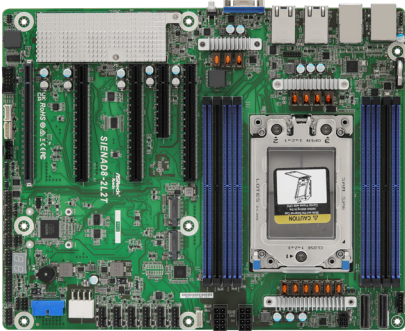
SORANOD8-2L2T

Form Factor		ATX-like (12" x 10")
Processor System	CPU	1 Socket SP6 (SM-LGA-4844); supports: AMD EPYC™ 8005/8004 processors
	Chipset	System on chip
Memory	Capacity	8 DDR5 288-pin DIMM slots; supports RDIMM, RDIMM-3DS
Expansion	PCIe slot	SLOT7: FL PCIe5.0 / CXL2.0 x16 or 16 SATA 6Gb/s SLOT6: FL PCIe5.0 x8 SLOT5: FL PCIe5.0 / CXL2.0 x16 SLOT3: FL PCIe5.0 x16 SLOT1: FL PCIe5.0 / CXL2.0 x16
	Others	2 MCIO (PCIe5.0 x8 or 8 SATA 6Gb/s)
Storage	M.2	2 M-key (PCIe5.0 x4), supports 22110/2280 form factor
	SATA port	Up to 32 SATA 6Gb/s: 2 MCIO, SLOT7
Network	RJ45	2 RJ45 (1GbE) by Intel® i210 2 RJ45 (10GbE) by Intel® X710-AT2
Management	BMC	ASPEED AST2600
	Dedicated IPMI	1 RJ45 via Realtek RTL8211F
I/O	USB	4 USB3.2 Gen1 ports: 2 rear Type-A, 2 via 19-pin header
	COM port	1 (9-pin) header
	Video	1 DB15 (VGA)
Security	TPM	Supports 13-pin (SPI) TPM modules



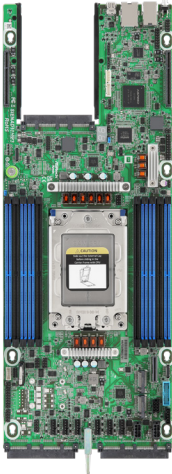
SIENAD8-2L2T

Form Factor		ATX (12" x 9.6")
Processor System	CPU	1 Socket SP6 (SM-LGA-4844) AMD EPYC™ 8005/8004 Processors
	FCH	System on chip
Memory	Capacity	8 DDR5 288-pin DIMM slots; supports RDIMM, RDIMM-3DS
Expansion	PCIe slot	SLOT7: FL PCIe5.0 / CXL1.1 x16 or 16 SATA 6Gb/s SLOT6: PCIe5.0 x8 SLOT5: PCIe5.0 / CXL1.1 x16 SLOT3: PCIe5.0 x16 or 16 SATA 6Gb/s SLOT1: PCIe5.0 / CXL1.1 x16
	Others	2 MCIO (PCIe5.0 x8)
Storage	M.2	2 M-key (PCIe5.0 x4), supports 22110/2280 form factor
	SATA port	16 SATA 6Gb/s: SLOT7, SLOT3
Network	RJ45	2 RJ45 (1GbE) by Intel® i210 2 RJ45 (10GbE) by Intel® X710-AT2
	Dedicated IPMI	1 RJ45 via Realtek RTL8211F
I/O	USB	4 USB3.2 Gen1 ports: 2 rear Type-A, 2 via 19-pin header
	COM port	1 (9-pin) header
	Video	1 DB15 (VGA)
Security	TPM	Supports 13-pin (SPI) TPM modules



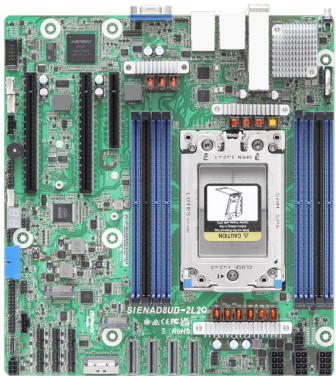
SIENAD10HM3

Form Factor		Half-Width (6.6" x 17")
Processor System	CPU	1 Socket SP6 (SM-LGA-4844) AMD EPYC™ 8005/8004 Processors
	FCH	System on chip
Memory	Capacity	10 DDR5 288-pin DIMM slots; supports RDIMM, RDIMM-3DS
Expansion	PCIe slot	SLOT2: Slim cool edge (PCIe5.0 x16) SLOT1: Slim cool edge (PCIe5.0 x16)
	Others	1 MCIO (PCIe5.0 / CXL1.1 x8 or 8 SATA 6Gb/s) OCuLink1 (2 SATA 6Gb/s) OCuLink2 (PCIe3.0 x4)
Storage	M.2	2 M-key (PCIe5.0 x4 or SATA 6Gb/s), supports 22110/2280 form factor
	SATA port	Up to 10 SATA 6Gb/s: 1 MCIO, 2 M.2 2 SATA 6Gb/s by ASM1061R: OCuLink1
Network	OCP NIC	1 OCP NIC 3.0 (PCIe5.0 x16) 2 OCP NIC 3.0 (PCIe5.0 / CXL1.1 x16)
Management	BMC	ASPEED AST2600
	Dedicated IPMI	1 RJ45 via Realtek RTL8211F
I/O	USB	4 USB3.2 Gen1 ports: 2 rear Type-A, 2 via 19-pin header
	COM port	1 (9-pin) header
	Video	1 mini DisplayPort (VGA), 1 (15-pin) header
Security	TPM	Supports 13-pin (SPI) TPM modules



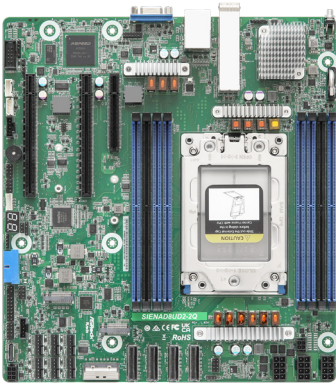
SIENAD8UD-2L2Q

Power source		Supports ATX PSU and 12V DC-in
Form Factor		Deep Micro-ATX (9.6" x 10.5")
Processor System	CPU	1 Socket SP6 (SM-LGA-4844) AMD EPYC™ 8005/8004 Processors
	FCH	System on chip
Memory	Capacity	8 DDR5 288-pin DIMM slots; supports RDIMM, RDIMM-3DS
Expansion	PCIe slot	SLOT7: FL PCIe5.0 / CXL1.1 x8 SLOT6: FL PCIe5.0 / CXL1.1 x16 SLOT4: HL PCIe5.0 / CXL1.1 x16
	Others	3 MCIO (PCIe5.0 x8) 2 MCIO (PCIe5.0 x8 or 8 SATA 6Gb/s) 1 OCuLink (PCIe3.0 x4)
Storage	M.2	2 M-key (PCIe5.0 x4), supports 22110/2280 form factor
	SATA port	16 SATA 6Gb/s: 2 MCIO
Network	RJ45	2 RJ45 (1GbE) by Intel® i210
	SFP28	2 SFP28 (25GbE) by Broadcom BCM57414
	Dedicated IPMI	1 RJ45 via Realtek RTL8211F
I/O	USB	4 USB3.2 Gen1 ports: 2 rear Type-A, 2 via 19-pin header
	COM port	1 (9-pin) header
	Video	1 DB15 (VGA)
Security	TPM	Supports 13-pin (SPI) TPM modules



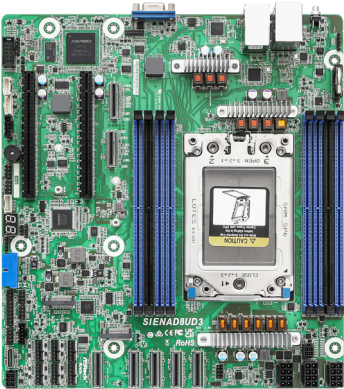
SIENAD8UD2-2Q

Power source		Supports ATX PSU and 12V DC-in
Form Factor		Deep Micro-ATX (9.6" x 10.5")
Processor System	CPU	1 Socket SP6 (SM-LGA-4844) AMD EPYC™ 8005/8004 Processors
	FCH	System on chip
Memory	Capacity	8 DDR5 288-pin DIMM slots; supports RDIMM, RDIMM-3DS
Expansion	PCIe slot	SLOT7: FL PCIe5.0 / CXL1.1 x8 SLOT6: FL PCIe5.0 / CXL1.1 x16 SLOT4: HL PCIe5.0 / CXL1.1 x16
	Others	3 MCIO (PCIe5.0 x8) 2 MCIO (PCIe5.0 x8 or 8 SATA 6Gb/s) 1 OCuLink (PCIe3.0 x4)
Storage	M.2	2 M-key (PCIe5.0 x4), supports 22110/2280 form factor
	SATA port	16 SATA 6Gb/s: 2 MCIO
Network	SFP28	2 SFP28 (25GbE) by Broadcom BCM57502
	Dedicated IPMI	1 RJ45 via Realtek RTL8211F
I/O	USB	4 USB3.2 Gen1 ports: 2 rear Type-A, 2 via 19-pin header
	COM port	1 (9-pin) header
	Video	1 DB15 (VGA)
Security	TPM	Supports 13-pin (SPI) TPM modules



SIENAD8UD3

Power source		Supports ATX PSU and 12V DC-in
Form Factor		Deep Micro-ATX (9.6" x 10.5")
Processor System	CPU	1 Socket SP6 (SM-LGA-4844) AMD EPYC™ 8005/8004 Processors
	FCH	System on chip
Memory	Capacity	8 DDR5 288-pin DIMM slots; supports RDIMM, RDIMM-3DS
Expansion	PCIe slot	SLOT6: FL PCIe5.0 / CXL1.1 x16 SLOT4: HL PCIe5.0 / CXL1.1 x16
	Others	3 MCIO (PCIe5.0 x8) 2 MCIO (PCIe5.0 x8 or 8 SATA 6Gb/s) 2 MCIO (PCIe5.0 / CXL1.1 x8 or 8 SATA 6Gb/s) 1 OCuLink (PCIe3.0 x4)
Storage	M.2	2 M-key (PCIe5.0 x4), supports 22110/2280 form factor
	SATA port	32 SATA 6Gb/s: 4 MCIO
Network	RJ45	2 RJ45 (1GbE) by Intel® i210
	Dedicated IPMI	1 RJ45 via Realtek RTL8211F
I/O	USB	4 USB3.2 Gen1 ports: 2 rear Type-A, 2 via 19-pin header
	COM port	1 (9-pin) header
	Video	1 DB15 (VGA)
Security	TPM	Supports 13-pin (SPI) TPM modules

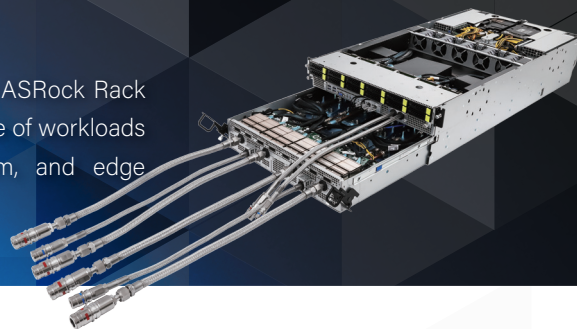


About ASRock Rack

ASRock Rack Inc., established in 2013, specialized in the field of Cloud Computing server hardware. Inheriting ASRock's design concepts, Creativity, Consideration and Cost-effectiveness, the company is dedicated bringing the Server Industry out of the box thinking with the passion to innovate. Leveraged by ASRock's growing momentum and distribution channels, this young and vibrant company targets at the booming market of cloud computing and commits to serve the market with user friendly, eco-friendly, Do-It-Yourself Server hardware, featuring flexible and reliable products.

GPU Servers

Accelerating imaginations and breakthroughs with cutting-edge technology, the ASRock Rack GPU server lineup unlocks unmatched performance, excelling across a wide range of workloads including AI, HPC, cloud gaming, and video rendering for cloud, on-prem, and edge environments.

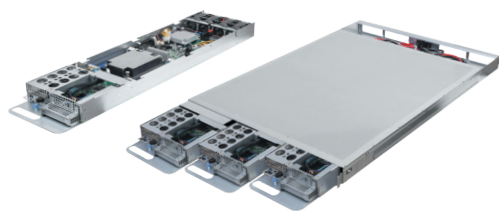


All-Flash NVMe Storage Servers

Built to support a high density of NVMe drives, the ASRock Rack All-Flash storage server delivers unparalleled speed, ultra-low latency, and high throughput—making it ideal for AI, HPC, CDN, and performance-driven environments where fast, reliable data access is critical.

Multi-Node Servers

Maximize performance and efficiency with ASRock Rack Multi-Node Servers—architected to deliver high-density computing, optimized resource utilization, and seamless scalability for modern data centers, cloud computing and web hosting.

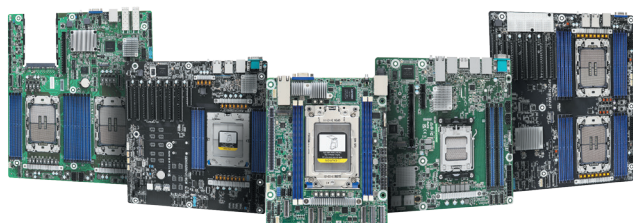


OCP

ASRock Rack OCP solutions are designed to enhance power efficiency, streamline rack integration, and promote sustainability in alignment with an open standard.

Rack Servers

ASRock Rack extensive portfolio of general purpose, compute, and storage servers in 1U, 2U, or 4U for diverse workloads from small business, virtualization, VDI, e-commerce to hyper-converged infrastructure, and more.



Server Motherboards

Tailor your servers and workstations with ASRock Rack versatile motherboards, powered by high-performance x86 and ARM-based processors. Choose from both single and dual socket options, and a wide range of form factors, to build the ideal solution for your unique computing needs.



Reliable Server
Advancing Technology
Considerable Design
Knowledgeable Professional

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