

2U Intel Xeon 6 Rackmount System

VELA-SVR-EP9-2U-9335

A flexible 2U AMD server platform for data processing, virtualisation, networking and other performance-intensive workloads. Built around the Advantech ASMB-831T2 server motherboard, the system features a 5th Gen AMD EPYC 9335 processor with 32 cores, 64 threads, speeds up to 4.4GHz and 128MB L3 cache. Its 2U rackmount chassis includes four hot-swap 3.5"/2.5" SAS/SATA drive bays, flexible PCIe expansion and IPMI remote management, with configurable memory, storage, networking and operating system options to suit the application.



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Standard Configurations

This specification sheet covers both standard variants. Differences are shown side by side. Shared specifications apply to both models, unless stated otherwise.

Specification	VELA-SVR-EP9-2U-9335
Processor	AMD EPYC 9335
Cores / Theads	32/64
All Core Boost	4GHz
Cache	128MB
Memory	64GB (4x 16GB) 5600MHz LRDIMM CL46
Storage	1TB NVMe PCIe Gen4 x4 SSD, 112-Layer 3D NAND Flash
System Core	
Motherboard	ASMB-831T2-00A1, Industrial Grade ATX
Chipset	AMD
CPU Socket	AMD LGA 6096 (Socket SP5)
Supported CPU Power	Up to 300W TDP
Chassis	HPC-7242-50ZB 2U Rackmount Chassis
Power Supply	500W Flex ATX 80Plus Power Supply
Graphics	Onboard/Server Management Graphics

System Specification

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I/O	
Ethernet	2x 10GbE, 1x Dedicated GbE Management Port
Display	1x VGA
USB Rear	4x USB3.2 Gen1
USB Front	2x USB3.2 Gen1
Serial	1x RS-232
Storage & Expansion	
M.2	1x M.2 2280/22110 (PCIe Gen4/SATA), 1x M.2 2280/22110 (PCIe Gen4)
Drive Bays	4x Hot-swap 3.5"/2.5" SAS/SATA HDD Tray; 2x 2.5" Internal Drive Bays; 1x Slim Optical
RAID	
PCIe	1x PCIe Gen3 [x16] (x8 Link), 1x PCIe Gen3 [x16] (x8/x4 Link), 1x PCIe [x8] (x4 Link)
PCI	

System Specification

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Security & Remote Management	
IPMI	Yes
TPM	Built-in Firmware TPM (fTPM)
Security	AMD Infinity Guard
Mechanical & Environmental	
Dimensions (W x H x D)	482 x 88.4 x 523.8
Operating Temperature	0°C to +40°C
Mounting	Rackmount - Slide Rails Ordered Separately
Warranty	3 Years Return to Base

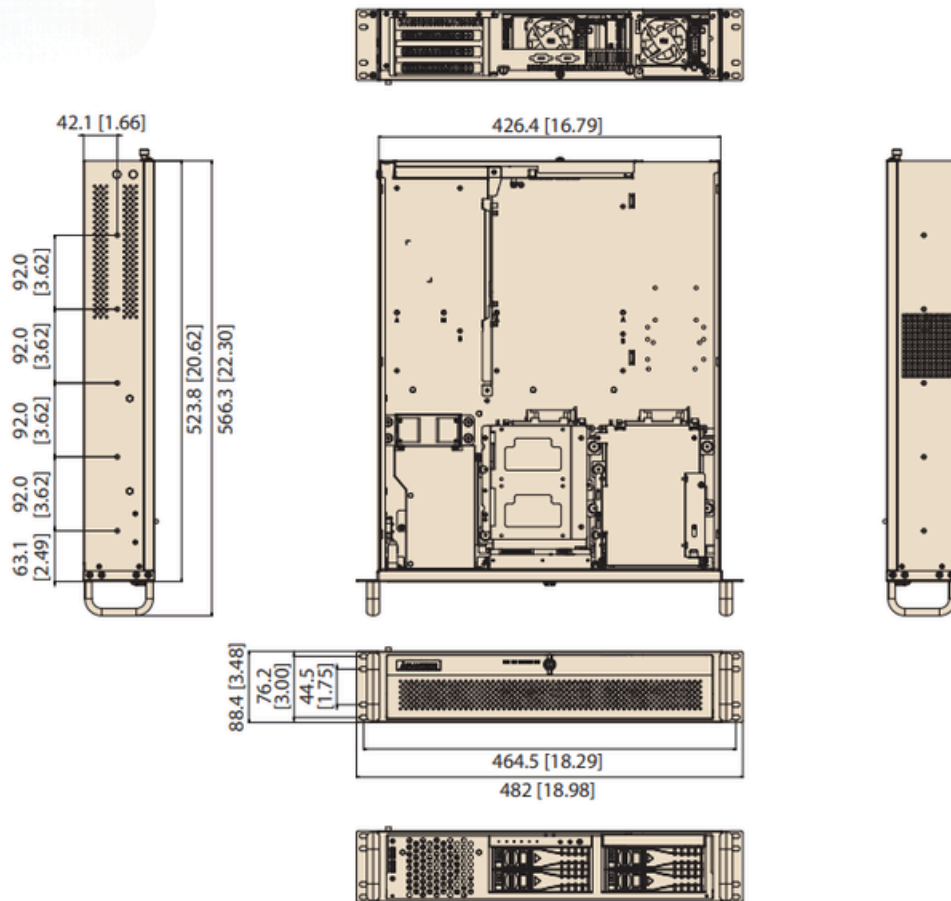
Ordering Information

Model	Processor	Memory	Storage
VELA-SVR-EP9-2U-9335	AMD EPYC 9335	64GB	1TB

Configuration note: The specification above defines the standard orderable VELA-SVR-EP9-2U-9335 system. Alternative configurations are available and can be discussed separately. All specifications are subject to change without notice. Please visit our website for the most up to date product information.

Mechanical Specification

Dimensions



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