



Amiron

General Computing Server

Applications

Cloud Computing / Heterogeneous / High Performance HPC / Big Data / AI

1. INTEL Purley Dual-Socket High-End Server

Model	AMSRVL01-D04R	AMSRVL02-D10R
Front hard drive	Up to 4x 3.572.5" SAS/SATA hot-swap hard drives	Up to 10x 3.5/2.51" SAS/SATA/NVMe hot-swap hard drives
Rear hard drive	N/A	N/A
Processor	Supports 1 or 2 Gen1/2 Intel® Xeon® Scalable processors	Supports 1 or 2 Gen1/2 Intel® Xeon® Scalable processors
Chipset	Intel® C621 series dedicated processor chipset	Intel® C621 series dedicated processor chipset
Memory	24 DDR4 slots, supports 2400/2666/2933MHz DDR4 memory	24 DDR4 slots, supports 2400/2666/2933MHz DDR4 memory
Storage controllers	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 3.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 3.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports
Driver	Supports 4 hot-swap SAS/SATA (HDD/SSD)	Supports 10 hot-swap SAS/SATA/NVMe(HDD/SSD/U.2)
Power	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)
External port & PCIe	Front port: 1 VGA, 2 USB3.0; Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports; PCIe expansion slots: 2; OCP slot: 1 OCP 3.0 (PCIe x 8)	Front port: 2 USB20; Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports; PCIe expansion slots: 2; OCP slot: 1 OCP 3.0 (PCIe x 8)
Intelligent temp. control	Supports	Supports
Fan	Standard 7x 4056 fans	Standard 7x 4056 fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 43.6mm (D x W x H)	748 x 433.4 x 43.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVL03-D04R	AMSRVL04-D12R
Front hard drive	Up to 8x 3.5"/2.5" SAS/SATA/NVMe hot-swap hard drives	Up to 12x 3.5"/2.5" SAS/SATA/NVMe hot-swap hard drives
Rear hard drive	Optional 4x3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives, built-in 2x 2.5" SSD	Optional 4x3.5" SAS/SATA or 4x2.5" SAS/SATA/U.2 hard drives
Processor	Supports 1 or 2 Gen1/2 Intel® Xeon® Scalable processors	Supports 1 or 2 Gen1/2 Intel® Xeon® Scalable processors
Chipset	Intel® C621 series dedicated processor chipset	Intel® C621 series dedicated processor chipset
Memory	24 DDR4 slots, supports 2400/2666/2933MHz DDR4 memory	24 DDR4 slots, supports 2400/2666/2933MHz DDR4 memory
Storage controllers	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 3.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 3.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports
Driver	Supports 8 hot-swap SAS/SATA/NVMe(HDD/SSD/U.2)	Supports 12 hot-swap SAS/SATA/NVMe(HDD/SSD/U.2)
Power	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)
External port & PCIe	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)
Intelligent temp. control	Supports	Supports
Fan	Standard 4x 8038 N+1 hot-swap redundant fans Optional 4x 8056 N+1 hot-swap redundant fans	Standard 4x 8038 N+1 hot-swap redundant fans Optional 4x 8056 N+1 hot-swap redundant fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 87.6mm (D x W x H)	748 x 433.4 x 87.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVL05-D04R	AMSRVL06-D25R
Front hard drive	Supports up to 12x 3.5/2.5" SAS/SATA hot-swap hard drives	Supports up to 25x 2.5" SAS/SATA hot-swap hard drives
Rear hard drive	Optional 4x3.5" SAS/SATA or 4x2.5" SAS/SATA/U.2 hard drives	Optional 4x 3.5" SAS/SATA or 4x 2.5" SAS SATA/U.2 hard drives
Processor	Supports 1 or 2 Gen1/2 Intel® Xeon® Scalable processors	Supports 1 or 2 Gen1/2 Intel® Xeon® Scalable processors
Chipset	Intel® C621 series dedicated processor chipset	Intel® C621 series dedicated processor chipset
Memory	24 DDR4 slots, supports 2400/2666/2933MHZ DDR4 memory	24 DDR4 slots, supports 2400/2666/2933MHz DDR4 memory
Storage controllers	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 3.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 3.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports
Driver	Supports 12 hot-swap SAS/SATA (HDD/SSD)	Supports 25 hot-swap SAS/SATA (HDD/SSD)
Power	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)
External port & PCIe	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)
Intelligent temp. control	Supports	Supports
Fan	Standard 4x 8038 N+1 hot-swap redundant fans Optional 4x 8056 N+1 hot-swap redundant fans	Standard 4x 8038 N+1 hot-swap redundant fans Optional 4x 8056 N+1 hot-swap redundant fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 87.6mm (D x W x H)	748 x 433.4 x 87.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVL07-D24R	AMSRVL08-D36R
Front hard drive	Supports up to 24x 3.5/2.5'1 SAS/SATA hot-swap hard drives	Supports up to 36x 3.5/2.51' SAS/SATA hot-swap hard drives
Rear hard drive	Optional 4x3.5" SAS/SATA or 4x2.5" SAS/SATA/U.2 hard drives	Optional 4x3.5" SAS/SATA or 4x2.5" SAS/SATA/U.2 hard drives
Processor	Supports 1 or 2 Genl/2 Intel® Xeon® Scalable processors	Supports 1 or 2 Genl/2 Intel® Xeon® Scalable processors
Chipset	Intel® C621 series dedicated processor chipset	Intel® C621 series dedicated processor chipset
Memory	24 DDR4 slots, supports 2400/2666/2933MHz DDR4 memory	24 DDR4 slots, supports 2400/2666/2933MHz DDR4 memory
Storage controllers	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 NVMe PCIe3.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 NVMe PCIe3.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports
Driver	Supports 24 hot-swap SAS/SATA(HDD/SSD)	Supports 36 hot-swap SAS/SATA(HDD/SSD)
Power	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)
External port & PCIe	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0,1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0,1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)
Intelligent temp, control	Supports	Supports
Fan	Standard 4x 8038 N+1 hot-swap redundant fans Optional 4x 8056 N+1 hot-swap redundant fans	Standard 4x 8038 N+1 hot-swap redundant fans Optional 4x 8056 N+1 hot-swap redundant fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 176.5mm (D x W x H)	748 x 433.4 x 176.5mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

2. INTEL Whitley Dual-Socket High-End Server

Model	AMSRVL09-D04R	AMSRVL10-D10R
Front hard drive	Up to 4x 3.5"/2.5" SAS/SATA hot-swap hard drives	Up to 10x 2.5" SAS/SATA/NVMe hot-swap hard drives
Rear hard drive	N/A	N/A
Processor	Supports 1 or 2 Gen3 Intel® Xeon® Scalable ICE Lake processors, 83xx/63xx/53xx/43xx processors, maximum CPU TDP 205W	Supports 1 or 2 Gen3 Intel® Xeon® Scalable ICE Lake processors, 83xx/63xx/53xx/43xx processors, maximum CPU TDP 205W
Chipset	Intel® C621A series dedicated processor chipset	Intel® C621A series dedicated processor chipset
Memory	32 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory	32 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory
Storage controllers	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 4.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 4.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports
Driver	Supports 4 hot-swap SAS/SATA (HDD/SSD)	Supports 10 hot-swap SAS/SATA/NVMe(HDD/SSD/U.2)
Power	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)
External port & PCIe	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)
Intelligent temp. control	Supports	Supports
Fan	Standard 7x4056 fans	Standard 7x4056 fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 43.6mm (D x W x H)	748 x 433.4 x 43.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVL11-D08R	AMSRVL12-D12R
Front hard drive	Up to 8x 3.5"/2.5" SAS/SATA/NVMe hot swap hard drives	Up to 12x 3.5/2.5"1 SAS/SATA /NVMe hot-swap hard drives
Rear hard drive	Optional 4x 3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives, built-in 2x 2.5" SSD	Optional 4x 3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives
Processor	Support 1 or 2 Gen3 Intel® Xeon® Scalable ICE Lake processors, 83xx/63xx/53xx/43xx processors, maximum CPU TDP 270W	Support 1 or 2 Gen3 Intel® Xeon® Scalable ICE Lake processors, 83xx/63xx/53xx/43xx processors, maximum CPU TDP 270W
Chipset	Intel® C621A series dedicated processor chipset	Intel® C621A series dedicated processor chipset
Memory	32 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory	32 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory
Storage controllers	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 4.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 4.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports
Driver	Supports 4 hot-swap SAS/SATA (HDD/SSD)	Supports 10 hot-swap SAS/SATA/NVMe(HDD/SSD/U.2)
Power	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)
External port & PCIe	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1 OCP 3.0 (PCIe x 8)	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1 OCP 3.0 (PCIe x 8)
Intelligent temp. control	Supports	Supports
Fan	Standard 7x4056 fans	Standard 7x4056 fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 43.6mm (D x W x H)	748 x 433.4 x 43.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVL13-D12R	AMSRVL14-D25R
Front hard drive	Supports up to 12x 3.5/2.5" SAS/SATA hot-swap hard drives	Supports up to 25x 2.5" SAS/SATA hot-swap hard drives
Rear hard drive	Optional 4x 3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives	Optional 4x 3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives
Processor	Support 1 or 2 Gen3 Intel® Xeon® Scalable ICE Lake processors, 83xx/63xx/53xx/43xx processors, maximum CPU TDP 270W	Support 1 or 2 Gen3 Intel® Xeon® Scalable ICE Lake processors, 83xx/63xx/53xx/43xx processors, maximum CPU TDP 270W
Chipset	Intel® C621A series dedicated processor chipset	Intel® C621A series dedicated processor chipset
Memory	32 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory	32 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory
Storage controllers	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 4.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 4.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports
Driver	Supports 12 hot-swap SAS/SATA (HDD/SSD)	Supports 25 hot-swap SAS/SATA (HDD/SSD)
Power	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)
External port & PCIe	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)
Intelligent temp. control	Supports	Supports
Fan	Standard 4x 8038 N+1 hot-swap redundant fans Optional 4x 8056 N+1 hot-swap redundant fans	Standard 4x 8038 N+1 hot-swap redundant fans Optional 4x 8056 N+1 hot-swap redundant fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 43.6mm (D x W x H)	748 x 433.4 x 43.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVL15-D24R	AMSRVL16-D36R
Front hard drive	Supports up to 24x 3.5/2.5" SAS/SATA hot-swap hard drives	Supports up to 36x 2.5" SAS/SATA hot-swap hard drives
Rear hard drive	Optional 4x 3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives	Optional 4x 3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives
Processor	Support 1 or 2 Gen3 Intel® Xeon® Scalable ICE Lake processors, 83xx/63xx/53xx/43xx processors, maximum CPU TDP 270W	Support 1 or 2 Gen3 Intel® Xeon® Scalable ICE Lake processors, 83xx/63xx/53xx/43xx processors, maximum CPU TDP 270W
Chipset	Intel® C621A series dedicated processor chipset	Intel® C621A series dedicated processor chipset
Memory	32 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory	32 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory
Storage controllers	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 4.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports	Internal PCH supports RAID 0\1\10&5 External HBA (not RAID): 12 Gbps SAS HBA Internal storage: 2 PCIe 4.0 x4 M.2 ports, 2 SATA 7PIN slots (support SATA DOM), 3 MiniSAS HD ports
Driver	Supports 24 hot-swap SAS/SATA (HDD/SSD)	Supports 36 hot-swap SAS/SATA (HDD/SSD)
Power	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power (adapt according to the actual power)
External port & PCIe	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: up to 10 OCP slot: 1OCP 3.0 (PCIe x 8)
Intelligent temp. control	Supports	Supports
Fan	Standard 4x 8038 N+1 hot-swap redundant fans	Standard 4x 8038 N+1 hot-swap redundant fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features	On board iBMC management module, support IPMI, SOL, KVM Over IP, virtual media and other management features
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 43.6mm (D x W x H)	748 x 433.4 x 43.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVL17-D08R	AMSRVL18-D12R
Front hard drive	Supports up to 8x 3.5/2.5" SAS/SATA hot-swap hard drives	Supports up to 12x 2.5" SAS/SATA hot-swap hard drives
Rear hard drive	N/A	N/A
Processor	Support 1 or 2 Gen3 Intel® Xeon® Scalable processors	Support 1 or 2 Gen3 Intel® Xeon® Scalable processors
Chipset	Intel® C621A series dedicated processor chipset	Intel® C621A series dedicated processor chipset
Memory	16 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory	16 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory
Storage controllers	Internal PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 1 M.2 (PCIe 3.0 x4) 3 MiniSAS HD ports, 2 SATA DOM ports	Internal PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 1 M.2 (PCIe 3.0 x4) 3 MiniSAS HD ports, 2 SATA DOM ports
Driver	Supports 8 hot-swap SAS/SATA (HDD/SSD)	Supports 12 hot-swap SAS/SATA (HDD/SSD)
Power	550W, 800W, 1300W, 1600W hot-swap 1+1 redundant power suplay	550W, 800W, 1300W, 1600W hot-swap 1+1 redundant power suplay
External port & PCIe	The rear of the system supports 10x half-height PCIe\6 slots {supports 6 PCIe 3.0x8 (in PCIe 3.0 x16 slot), 1 PCIe 3.0x16 and 3 PCIe 4.0x16} Front: 2 USB3.0 Rear: Integrated 2 Gigabit network ports, 1 independent IPMI management network port, 2 USB3.0 ports, 1 VGA port	The rear of the system supports10x half-height PCIe\6 slots {supports 6 PCIe 3.0x8 (in PCIe 3.0 x16 slot), 1 PCIe 3.0x16 and 3 PCIe 4.0x16} Front: 2 USB3.0 Rear: Integrated 2 Gigabit network ports, 1 independent IPMI management network port, 2 USB3.0 ports, 1 VGA port
Intelligent temp, control	Supports	Supports
Fan	Standard 4x 8038 N+1 hot-swap redundant fans (optional 4x8056 fans)	Standard 4x 8038 N+1 hot-swap redundant fans (optional 4x8056 fans)
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Locked upper cover of chassis	TPM/TCM (optional) Locked upper cover of chassis
Management	PMI2.0	PMI2.0
OS	Microsoft Windows Sewer, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Sewer, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 43.6mm (D x W x H)	748 x 433.4 x 43.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVL19-D24R	AMSRVL20-D36R
Front hard drive	Supports up to 8x 3.5/2.5" SAS/SATA hot-swap hard drives	Supports up to 12x 2.5" SAS/SATA hot-swap hard drives
Rear hard drive	Optional rear 2x 2.5" SAS/SATA or U.2 hard drive bays	Optional rear 2x 2.5" SAS/SATA or U.2 hard drive bays
Processor	1 or 2 Intel® Xeon® Gen3 Scalable processors	1 or 2 Intel® Xeon® Gen3 Scalable processors
Chipset	Intel® C621A series dedicated processor chipset	Intel® C621A series dedicated processor chipset
Memory	16 DDR4 slots, support DDR4 2666/2933/3200MHZ LRDIMM/RDIMM memory	16 DDR4 slots, support DDR4 2666/2933/3200MHZ LRDIMM/RDIMM memory
Storage controllers	Internal PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 1 M.2 (PCIe 3.0 x4) 3 MiniSAS HD ports, 2 SATA DOM ports	Internal PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 1 M.2 (PCIe 3.0 x4) 3 MiniSAS HD ports, 2 SATA DOM ports
Driver	Supports 24 hot-swap SAS/SATA (HDD/SSD)	Supports 36 hot-swap SAS/SATA (HDD/SSD)
Power	1200W, 1300W, 1600W, 2000W hot-swap 1+1 redundant power supply	1200W, 1300W, 1600W, 2000W hot-swap 1+1 redundant power supply
External port & PCIe	Rear supports IOx half-height PCIe xl6 slots {supports 6 half-height PCIe 3.0x 8 (in PCIe 3.0 x 16 slot), 1 half-height PCIe 3.0x 16 and 3 half-height PCIe 4.0x 16} Front: 2 USB3.0 Rear: Integrated 2x Gigabit network ports, independent 1x IPMI management network port, 2 USB3.0 ports x 2, 1 VGA port	The rear of the system supports IOx half-height PCIe xl6 slots {supports 6 PCIe 3.0x8 (in PCIe 3.0 xl6 slot), 1 PCIe 3.0x16 and 3 PCIe 4.0x16} Front: 2 USB3.0 Rear: Integrated 2 Gigabit network ports, 1 independent IPMI management network port, 2 USB3.0 ports, 1 VGA port
Intelligent temp, control	Supports	Supports
Fan	Standard 3x 1238 N+1 hot-swap redundant fans	Standard 3x 1238 N+1 hot-swap redundant fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Locked upper cover of chassis	TPM/TCM (optional) Locked upper cover of chassis
Management	PMI2.0	PMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, Vmware ESX, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 43.6mm (D x W x H)	748 x 433.4 x 43.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

3. AMD Genoa Dual-Socket High-End Server

Model	AMSRV01-D08R	AMSRV02-D12R
Front hard drive	Up to 8x 3.572.5" SAS/SATA/NVMe hot-swap hard drives	Up to 12x3.5"/2.5" SAS/SATA/NVMe hot-swap hard drives
Rear hard drive	Rear optional 2x 2X2.5" SAS/SATA/NVMe hard drives	Rear optional 2x 2X2.5" SAS/SATA/NVMe hard drives
Processor	Supports two AMD EPYC 9004 (Genoa) processors	Supports two AMD EPYC 9004 (Genoa) processors
Memory	24 DDR5 memory slots, support 4800,4400 DDR5 RDIMM memory	24 DDR5 memory slots, support 4800,4400 DDR5 RDIMM memory
Storage controllers	Onboard 3 MiniSAS SFF-8643 connectors, 2 SATA interfaces, 2 SATA DOM interfaces, 2 M.2 interfaces (PCIe5.0 X4 signal, 2280), 2 slimlinex8 (PCIe4.0 x8 signal) interfaces	Onboard 3 MiniSAS SFF-8643 connectors, 2 SATA interfaces, 2 SATA DOM interfaces, 2 M.2 interfaces (PCIe5.0 X4 signal, 2280), 2 slimlinex8 (PCIe4.0 x8 signal) interfaces
Driver	Supports 8 hot-swap SAS/SATA (HDD/SSD)	Supports 12 hot-swap SAS/SATA (HDD/SSD)
Power	Support 800W/1300W/1600W/2000W/2200W hot-swap redundant power (adapt according to the actual power)	Support 800W/1300W/1600W/2000W/2200W hot-swap redundant power (adapt according to the actual power)
External port & PCIe	Front: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0,1 RJ45 Gigabit management network port, 2 Gigabit RJ45 network ports PCIe extended form: Riser1/Riser2: 2x PCIe5.0 xl6 Riser3: 2xPCIe5.0x8 Riser4: 1x PCIe4.0xl6or2x PCIe4.0x8	Front: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0,1 RJ45 Gigabit management network port, 2 Gigabit RJ45 network ports PCIe extended form: Riser1/Riser2: 2x PCIe5.0 xl6 Riser3: 2xPCIe5.0x8 Riser4: 1x PCIe4.0xl6or2x PCIe4.0x8
Intelligent temp, control	Supports	Supports
Fan	Standard 4x 8038 hot-swap redundant fans, optional 4x8056 hot-swap redundant fans	Standard 4x 8038 hot-swap redundant fans, optional 4x8056 hot-swap redundant fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, ROHS2.0	CCC, ROHS2.0
Size	748 x 433.4 x 87.6mm (D x W x H)	748 x 433.4 x 87.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRV03-D24R	AMSRV04-D36R
Front hard drive	Up to 24x 3.572.5" SAS/SATA hot-swap hard drives	Up to 36x 3.572.5" SAS/SATA hot-swap hard drives
Rear hard drive	Optional 4x 2x2.5" SAS/SATA or 4x2.5" SAS/SATA/U.2 hard drives	Optional 4x 2x2.5" SAS/SATA or 4x2.5" SAS/SATA/U.2 hard drives
Processor	Supports two AMD EPYC 9004 (Genoa) processors	Supports two AMD EPYC 9004 (Genoa) processors
Memory	24 DDR5 memory slots, support 4800,4400 DDR5 RDIMM memory	24 DDR5 memory slots, support 4800,4400 DDR5 RDIMM memory
Storage controllers	Onboard 3 MiniSAS SFF-8643 connectors, 2 SATA interfaces, 2 M.2 interfaces (PCIe5.0 X4 signal, 2280), 2 slimlinux8 (PCIe4.0 x8 signal) interfaces	Onboard 3 MiniSAS SFF-8643 connectors, 2 SATA interfaces, 2 M.2 interfaces (PCIe5.0 X4 signal, 2280), 2 slimlinux8 (PCIe4.0 x8 signal) interfaces
Driver	Supports 24 hot-swap SAS/SATA (HDD/SSD)	Supports 36 hot-swap SAS/SATA (HDD/SSD)
Power	Support 800W/1300W/1600W/2000W/2200W hot-swap redundant power (adapt according to the actual power)	Support 800W/1300W/1600W/2000W/2200W hot-swap redundant power (adapt according to the actual power)
External port & PCIe	Front: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0,1 RJ45 Gigabit management network port, 2 Gigabit RJ45 network ports PCIe extended form: Riser1/Riser2: 2x PCIe5.0 xl6 Riser3: 2xPCIe5.0x8 Riser4: 1x PCIe4.0xl6or2x PCIe4.0x8	Front: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0,1 RJ45 Gigabit management network port, 2 Gigabit RJ45 network ports PCIe extended form: Riser1/Riser2: 2x PCIe5.0 xl6 Riser3: 2xPCIe5.0x8 Riser4: 1x PCIe4.0xl6or2x PCIe4.0x8
Intelligent temp. control	Supports	Supports
Fan	Standard 8x 8038 hot-swap redundant fans	Standard 8x 8038 hot-swap redundant fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, ROHS2.0	CCC, ROHS2.0
Size	748 x 433.4 x 87.6mm (D x W x H)	748 x 433.4 x 87.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

4. AMD Milan Dual-Socket High-End Server

Model	AMSRV05-D04R	AMSRV06-D10R
Front hard drive	Up to 4x 3.572.5" SAS/SATA hot-swap hard drives	Up to 10x 3.572.5" SAS/SATA hot-swap hard drives
Rear hard drive	N/A	N/A
Processor	Support 1 or 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series, CPU TDP≤240W	Support 1 or 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series, CPU TDP≤240W
Memory	32 DDR4 slots, support 2666/2933/3200MHz DDR4 memory	32 DDR4 slots, support 2666/2933/3200MHz DDR4 memory
Storage controllers	2 PCIe4.0/3.0x2 M.2 ports 4 SATA 7PIN slots (2 of them support SATA DOM) 3 MiniSAS HD ports	2 PCIe4.0/3.0x2 M.2 ports 4 SATA 7PIN slots (2 of them support SATA DOM) 3 MiniSAS HD ports
Driver	Supports 4 hot-swap SAS/SATA (HDD/SSD)	Supports 10 hot-swap SAS/SATA (HDD/SSD)
Power	Support 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)
External port & PCIe	Front Port: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: 2 full-height PCIe expansion slots OCP slot: PCIe 3.0x8	Front Port: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: 2 full-height PCIe expansion slots OCP slot: PCIe 3.0x8
Intelligent temp. control	Supports	Supports
Fan	Standard 7x 4056 fans	Standard 7x 4056 fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC	CCC
Size	748 x 433.4 x 43.6mm (D x W x H)	748 x 433.4 x 43.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRV07-D08R	AMSRV08-D12R
Front hard drive	Up to 8x 3.572.5" SAS/SATA hot-swap hard drives	Up to 12x 3.572.5" SAS/SATA hot-swap hard drives
Rear hard drive	Optional 4x3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives	Optional 4x3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives
Processor	Support 1 or 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series	Support 1 or 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series
Memory	32 DDR4 slots, support 2666/2933/3200MHz DDR4 memory	32 DDR4 slots, support 2666/2933/3200MHz DDR4 memory
Storage controllers	2 PCIe4.0/3.0x2 M.2 ports 4 SATA 7PIN slots (2 of them support SATA DOM) 3 MiniSAS HD ports	2 PCIe4.0/3.0x2 M.2 ports 4 SATA 7PIN slots (2 of them support SATA DOM) 3 MiniSAS HD ports
Driver	Supports 8 hot-swap SAS/SATA (HDD/SSD/U.2)	Supports 8 hot-swap SAS/SATA (HDD/SSD/U.2)
Power	Support 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)
External port & PCIe	Front Port: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0,1 management network port, 2 RJ45 network ports PCIe expansion slots: 2 full-height PCIe expansion slots OCP slot: PCIe 3.0x8	Front Port: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0,1 management network port, 2 RJ45 network ports PCIe expansion slots: 2 full-height PCIe expansion slots OCP slot: PCIe 3.0x8
Intelligent temp, control	Supports	Supports
Fan	Standard 4x 8038 hot-swap fans, optional 4x8056 hot-swap fans	Standard 4x 8038 hot-swap fans, optional 4x8056 hot-swap fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	748 x 433.4 x 87.6mm (D x W x H)	748 x 433.4 x 87.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRV09-D12R	AMSRV10-D25R
Front hard drive	Up to 12x 3.572.5" SAS/SATA hot-swap hard drives	Up to 25x 3.572.5" SAS/SATA hot-swap hard drives
Rear hard drive	Optional 4x3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives	Optional 4x3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives
Processor	Support 1 or 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series	Support 1 or 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series
Memory	32 DDR4 slots, support 2666/2933/3200MHz DDR4 memory	32 DDR4 slots, support 2666/2933/3200MHz DDR4 memory
Storage controllers	2 PCIe4.0/3.0x2 M.2 ports 4 SATA 7PIN slots (2 of them support SATA DOM) 3 MiniSAS HD ports	2 PCIe4.0/3.0x2 M.2 ports 4 SATA 7PIN slots (2 of them support SATA DOM) 3 MiniSAS HD ports
Driver	Supports 12 hot-swap SAS/SATA (HDD/SSD/U.2)	Supports 25 hot-swap SAS/SATA (HDD/SSD/U.2)
Power	Support 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)
External port & PCIe	Front Port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: 6 full-height slots, 4 PCIe half-height slots OCP slot: PCIe 3.0x8	Front Port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe expansion slots: 6 full-height slots, 4 PCIe half-height slots OCP slot: PCIe 3.0x8
Intelligent temp, control	Supports	Supports
Fan	Standard 4x 8038 hot-swap fans, optional 4x8056 hot-swap fans	Standard 4x 8038 hot-swap fans, optional 4x8056 hot-swap fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC	CCC
Size	748 x 433.4 x 87.6mm (D x W x H)	748 x 433.4 x 87.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRV11-D24R	AMSRV12-D36R
Front hard drive	Up to 24x 3.572.5" SAS/SATA hot-swap hard drives	Up to 36x 3.572.5" SAS/SATA hot-swap hard drives
Rear hard drive	Optional 4x3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives	Optional 4x3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives
Processor	Support 1 or 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series	Support 1 or 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series
Memory	32 DDR4 slots, support 2666/2933/3200MHz DDR4 memory	32 DDR4 slots, support 2666/2933/3200MHz DDR4 memory
Storage controllers	2 PCIe4.0/3.0x2 M.2 ports 4 SATA 7PIN slots (2 of them support SATA DOM) 3 MiniSAS HD ports	2 PCIe4.0/3.0x2 M.2 ports 4 SATA 7PIN slots (2 of them support SATA DOM) 3 MiniSAS HD ports
Driver	Supports 24 hot-swap SAS/SATA (HDD/SSD)	Supports 36 hot-swap SAS/SATA (HDD/SSD)
Power	Support 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)
External port & PCIe	Front Port: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0,1 management network port, 2 RJ45 network ports PCIe expansion slots: 6 PCIe full-height slots, 4 PCIe half-height slots OCP slot: PCIe 3.0x8	Front Port: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0,1 management network port, 2 RJ45 network ports PCIe expansion slots: 6 PCIe full-height slots, 4 PCIe half-height slots OCP slot: PCIe 3.0x8
Intelligent temp, control	Supports	Supports
Fan	Standard 4x 8038 hot-swap fans	Standard 4x 8038 hot-swap fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis	TPM/TCM (optional) Chassis open intrusion detection Locked upper cover of chassis
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC	CCC
Size	748 x 433.4 x 176.5mm (D x W x H)	748 x 433.4 x 176.5mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRV13-D08R	AMSRV14-D12R
Front hard drive	Up to 36x 3.572.5" SAS/SATA/NVMe hot-swap hard drives	Up to 36x 3.572.5" SAS/SATA/NVMe hot-swap hard drives
Rear hard drive	Rear optional 1x 2x2.5" hard disk module	Rear optional 1x 2x2.5" hard disk module
Processor	Support 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series	Support 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series
Memory	16 DDR4 slots, support 2400/2913MHz DDR4 memory	16 DDR4 slots, support 2400/2913MHz DDR4 memory
Storage controllers	1 M.2 (PCIex4) port 2 MiniSAS HD ports	1 M.2 (PCIex4) port 2 MiniSAS HD ports
Driver	Supports 8 hot-swap SAS/SATA/NVMe (HDD/SSD/U.2)	Supports 8 hot-swap SAS/SATA/NVMe (HDD/SSD/U.2)
Power	Support 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)	Support 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)
External port & PCIe	Front: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe extension form: Form 1: sideways 2 full-height, double-width + 2 half-height PCIe slots Form 2: 10 PCIe half-height slots (6 PCIe x8, 4 PCIe x16) - Form 3: sideways 1 full-height, double-width + 9 half-height PCIe slots Form 4: sideways 1 full-height, double-width + 3 half-height PCIe slots	Front: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe extension form: Form 1: sideways 2 full-height, double-width + 2 half-height PCIe slots Form 2: 10 PCIe half-height slots (6 PCIe x8, 4 PCIe x16) - Form 3: sideways 1 full-height, double-width + 9 half-height PCIe slots Form 4: sideways 1 full-height, double-width + 3 half-height PCIe slots
Intelligent temp. control	Supports	Supports
Fan	Standard 4x 8038 hot-swap fans Optional 4x 8056 hot-swap fans	Standard 4x 8038 hot-swap fans Optional 4x 8056 hot-swap fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional)	TPM/TCM (optional)
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC	CCC
Size	748 x 433.4 x 87.6mm (D x W x H)	748 x 433.4 x 87.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

5. AMD Milan Single-Socket Standard Server

Model	AMSRVA01-S04R	AMSRVA02-S10R
Front hard drive	Up to 4x 3.5/2.5" SAS/SATA hot-swap hard drives	Up to 10x 3.5/2.5" SAS/SATA hot-swap hard drives
Rear hard drive	N/A	N/A
Processor	Support 1 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series, CPU TDP≤240W	Support 1 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series, CPU TDP≤240W
Memory	16 DDR4 slots, support 2666/2933/3200MHz DDR4 memory	32 DDR4 slots, support 2666/2933/3200MHz DDR4 memory
Storage controllers	1 M.2 (PCIe x4) port 2 MiniSAS HD ports	1 M.2 (PCIe x4) port 2 MiniSAS HD ports
Driver	Supports 4 hot-swap SAS/SATA (HDD/SSD)	Supports 10 hot-swap SAS/SATA (HDD/SSD)
Power	Supports 2x 650W power supplies, 1x 500W power supply	Supports 2x 650W power supplies, 1x 500W power supply
External port & PCIe	Front Port: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe extension form: 2x PCIe full-height, single-width, half-length slots	Front Port: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe extension form: 2x PCIe full-height, single-width, half-length slots
Intelligent temp. control	Supports	Supports
Fan	Standard 4x 4028 fan	Standard 4x 4028 fan
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional)	TPM/TCM (optional)
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC	CCC
Size	748 x 433.4 x 43.5mm (D x W x H)	748 x 433.4 x 43.5mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVA03-D04R	AMSRVA04-D10R
Front hard drive	Up to 4x 3.5/2.5" SAS/SATA hot-swap hard drives	Up to 10x 3.5/2.5" SAS/SATA hot-swap hard drives
Rear hard drive	N/A	N/A
Processor	Support 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series, CPU TDP≤240W	Support 2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series, CPU TDP≤240W
Memory	16 DDR4 slots, support 2666/2933/3200MHz DDR4 memory	32 DDR4 slots, support 2666/2933/3200MHz DDR4 memory
Storage controllers	1 M.2 (PCIe x4) port 2 MiniSAS HD ports	1 M.2 (PCIe x4) port 2 MiniSAS HD ports
Driver	Supports 4 hot-swap SAS/SATA (HDD/SSD)	Supports 10 hot-swap SAS/SATA (HDD/SSD)
Power	Supports 2x 650W power supplies, 1x 500W power supply	Supports 2x 650W power supplies, 1x 500W power supply
External port & PCIe	Front Port: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe extension form: 2x PCIe full-height, single-width, half-length slots	Front Port: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe extension form: 2x PCIe full-height, single-width, half-length slots
Intelligent temp. control	Supports	Supports
Fan	Standard 4x4028 fans, expandable to 6 fans Optional 4056 fans	Standard 4x4028 fans, expandable to 6 fans Optional 4056 fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional)	TPM/TCM (optional)
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC	CCC
Size	748 x 433.4 x 43.5mm (D x W x H)	748 x 433.4 x 43.5mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVA05-S08R	AMSRVA06- S12R
Front hard drive	Up to 8x 3.5/2.5" SAS/SATA hot-swap hard drives	Up to 12x 3.5/2.5" SAS/SATA hot-swap hard drives
Rear hard drive	Real optional 1x 2x2.5" hard disk module	Real optional 1x 2x2.5" hard disk module
Processor	Support 1 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series	Support 1 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series
Memory	16 DDR4 slots, support 2666/2933/3200MHz DDR4 memory	16 DDR4 slots, support 2666/2933/3200MHz DDR4 memory
Storage controllers	1 M.2 (PCIe x4) port 2 MiniSAS HD ports	1 M.2 (PCIe x4) port 2 MiniSAS HD ports
Driver	Supports 8 hot-swap SAS/SATA (HDD/SSD/U.2)	Supports 8 hot-swap SAS/SATA (HDD/SSD/U.2)
Power	Supports 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)	Supports 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)
External port & PCIe	Front: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe extension form: Form 1: sideways 2 full-height, double-width + 2 half-height PCIe slots Form 2: 10 PCIe half-height slots (6 PCIe x8, 4 PCIe x16) - Form 3: sideways 1 full-height, double-width + 9 half-height PCIe slots Form 4: sideways 1 full-height, double-width + 3 half-height PCIe slots	Front: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports PCIe extension form: Form 1: sideways 2 full-height, double-width + 2 half-height PCIe slots Form 2: 10 PCIe half-height slots (6 PCIe x8, 4 PCIe x16) - Form 3: sideways 1 full-height, double-width + 9 half-height PCIe slots Form 4: sideways 1 full-height, double-width + 3 half-height PCIe slots
Intelligent temp. control	Supports	Supports
Fan	Standard 4x8038 hot-swap fans Optional 4x8056 fans	Standard 4x8038 hot-swap fans Optional 4x8056 fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional)	TPM/TCM (optional)
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC	CCC
Size	748 x 433.4 x 87.6mm (D x W x H)	748 x 433.4 x 87.6mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVA07-S24R	AMSRVA08- D24R
Front hard drive	Up to 24x 3.5/2.5" SAS/SATA hot-swap hard drives	Up to 36x 3.5/2.5" SAS/SATA hot-swap hard drives
Rear hard drive	Real optional 1x 2x2.5" hard disk module	Real optional 1x 2x2.5" hard disk module
Processor	Support 1 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series	Support 1 AMD EPYC 7003 series, compatible with AMD EPYC 7002 & 7001 series
Memory	16 DDR4 slots, support 2400/2666/2933MHz DDR4 memory	16 DDR4 slots, support 2400/2666/2933MHz DDR4 memory
Storage controllers	1 M.2 (PCIe x4) port 2 MiniSAS HD ports	1 M.2 (PCIe x4) port 2 MiniSAS HD ports
Driver	Supports 24 hot-swap SAS/SATA (HDD/SSD/U.2)	Supports 36 hot-swap SAS/SATA (HDD/SSD/U.2)
Power	Supports 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)	Supports 550W, 800W, 1300W, 1600W, 2200W redundant power supply (adapt according to the actual power)
External port & PCIe	Front: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports Supports 6 PCIe x8 and 4 PCIe x16	Front: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports Supports 6 PCIe x8 and 4 PCIe x16
Intelligent temp. control	Supports	Supports
Fan	Standard 8x8038 hot-swap fans	Standard 8x8038 hot-swap fans
Network	2x 1GbE (RJ45) onboard	2x 1GbE (RJ45) onboard
Security	TPM/TCM (optional)	TPM/TCM (optional)
Management	1 dedicated RJ45 management network port IPMI2.0	1 dedicated RJ45 management network port IPMI2.0
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V
Certification	CCC	CCC
Size	748 x 433.4 x 176.5mm (D x W x H)	748 x 433.4 x 176.5mm (D x W x H)
Temperature	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C
Humidity	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)