

**Amiron**

Hyper-Convergence SERVER

Applications

Disaster Recovery Backup / Touch-Disk Active-Active / Cloud Network Integration / Computing Virtualization

1. High-Density Computing 2-Node

Model	AMSRVSY01-D12F	MSRVSY02-D12S
Front hard drive	Single node supports 6x 3.5" /2.5" SATA hard drives; the whole system supports 12x 3.5" /2.5" SATA hard drives	Single node supports 6x 3.5" /2.5" SATA hard drives; the whole system supports 12x 3.5" /2.5" SAS/SATA hard drives
Rear hard drive	The system supports 2 easy-swap high-performance dual-socket server nodes	The system supports 2 easy-swap high-performance dual-socket server nodes
Processor	Single node supports 2 Intel E5 2600 V3/V4 series processors	1 or 2 Intel® Xeon® Gen3 scalable processor
Chipset	Intel® C612 series server-specific chipset	Intel® C612 A server dedicated processor chipset
Memory	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB
Storage controllers	Internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x7pin SATA interfaces	Internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x7pin SATA interfaces
Driver	12 hot-swap SATA (HDD/SSD)	12 hot-swap SATA (HDD/SSD)
Power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power
External port & PCIe	Single node: Support 1 x PCIe3.0 x 16 full-height expansion card or 2 x PCIe3.0 x 8 full-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports, or 2 Gigabit RJ45 and 2x 10 Gigabit SFP+ network ports	Rear 10 full-height PCIe xl6 slots {support 6 PCIe 3.0x8 (in PCIe 3.0 xl6 slot), 1 PCIe 3.0x16 and 3 PCIe 4.0x16} Front: 2 USB2.0 Rear: integrated 2 Gigabit network ports, 1 independent RJ45 management network port, 2 USB3.0 ports, 1 VGA port
Intelligent temp, control	Supports	Supports
Fan	The system supports 4x 8038 hot-swap fans	The system supports 4x 8038 hot-swap fans
Network	Onboard 2 Gigabit RJ45 network ports or 2 Gigabit RJ45 and 2x 10 Gigabit SFP+ network ports	Onboard 2 Gigabit RJ45 network ports or 2 Gigabit RJ45 and 2x 10 Gigabit SFP+ network ports
Security	TPM	TPM
Management	IPMI2.0	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	760 x 433 x 87.5mm (D x W x H)	760 x 433 x 87.5mm (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	AMSRVSY03-D12R	AMSRVSY04-D12RS
Front hard drive	Single node supports 6x 3.5" /2.5" SATA hard drives; the whole system supports 12x 3.5" /2.5" SATA hard drives	Single node supports 6x 3.5" /2.5" SATA hard drives; the whole system supports 12x 3.5" /2.5" SAS/SATA hard drives
Rear hard drive	The system supports 2 easy-swap high-performance dual-socket server nodes	The system supports 2 easy-swap high-performance dual-socket server nodes
Processor	Single node supports 2x1st or 2nd generation Intel® Xeon® Scalable processors, only CPU1 supports -F series CPU	Single node supports 2x1st or 2nd generation Intel® Xeon® Scalable processors, only CPU1 supports -F series CPU
Chipset	Intel® C621 series server-specific chipset	Intel® C621 A server dedicated processor chipset
Memory	Single node supports DDR4-2133/2400/2666 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB	Single node supports DDR4-2133/2400/2666 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB
Storage controllers	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Single-node internal storage: 2x 7pin SATA interfaces	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 2x 7pin SATA interfaces
Driver	12 hot-swap SATA (HDD/SSD)	12 hot-swap SAS/SATA (HDD/SSD)
Power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power
External port & PCIe	Single node: Support 1xPCIe3.0x 16half-height expansion card, 1x PCIe3.0x8 half-height expansion card and 1 PCIe3.0 Mezz expansion card, 1 high-density custom expansion port (pan expand 1 VGA and 2 USB3.0), 1 RJ45 management network port, 2 Gigabit RJ45 network ports	Single node: Support 1xPCIe3.0x 16half-height expansion card, 1x PCIe3.0x8 half-height expansion card and 1 PCIe3.0 Mezz expansion card, 1 high-density custom expansion port (pan expand 1 VGA and 2 USB3.0), 1 RJ45 management network port, 2 Gigabit RJ45 network ports
Intelligent temp, control	Supports	Supports
Fan	The system supports 4x 8056 hot-swap fans	The system supports 4x 8056 hot-swap fans
Network	Onboard 2 Gigabit RJ45 network ports	Onboard 2 Gigabit RJ45 network ports
Security	TPM	TPM
Management	IPMI2.0	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	809 x 433 x 87.6mm (D x W x H)	809 x 433 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	AMSRVSY05-D24R	AMSRVSY06-D24RF
Front hard drive	Single node supports 12x 2.5" SATA hard drives; the whole system supports 24x 2.5" SATA hard drives	Single node supports 12x 2.5" SATA hard drives; the whole system supports 24x 2.5" SATA hard drives
Rear hard drive	The system supports 2 easy-swap high-performance dual-socket server nodes	The system supports 2 easy-swap high-performance dual-socket server nodes
Processor	Single node supports 2x Intel E5 2600 V3/V4 processors	Single node supports 2x Intel E5 2600 V3/V4 processors
Chipset	Intel® C612 series server-specific chipset	Intel® C612 series server-specific chipset
Memory	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB
Storage controllers	Internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x 7pin SATA interfaces	Internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x 7pin SATA interfaces
Driver	24 hot-swap SATA (HDD/SSD)	24 hot-swap SAS/SATA (HDD/SSD)
Power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power
External port & PCIe	Single node: Support 1xPCIe3.0x 16 full-height expansion card, 2x PCIe3.0x8 full-height expansion card and 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, or 2 Gigabit RJ45 and 2x10 Gigabit SFP++ network ports	Rear 10 full-height PCIe xl6 slots {support 6 PCIe 3.0x8 (in PCIe 3.0 xl6 slot), 1 PCIe 3.0x16 and 3 PCIe 4.0x16} Front: 2 USB2.0 Rear: integrated 2 Gigabit network ports, 1 independent RJ45 management network port, 2 USB3.0 ports, 1 VGA port
Intelligent temp, control	Supports	Supports
Fan	The system supports 4x 8038 hot-swap fans	The system supports 4x 8038 hot-swap fans
Network	Onboard 2 Gigabit RJ45 network ports or 2 Gigabit RJ45 and 2x 10 Gigabit SFP+ network ports	Onboard 2 Gigabit RJ45 network ports or 2 Gigabit RJ45 and 2x 10 Gigabit SFP+ network ports
Security	TPM	TPM
Management	IPMI2.0	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	760 x 433 x 87.5mm (D x W x H)	760 x 433 x 87.5mm (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	AMSRVSY07-D24R	AMSRVSY08-D24RF	AMSRVSY09-D24RS
Front hard drive	Single node supports 12x 2.5" SAS/SATA hard drives; the whole system supports 24x 2.5" SAS/SATA hard drives	Single node supports 12x 2.5" SAS/SATA hard drives; the whole system supports 24x 2.5" SAS/SATA hard drives	Single node supports 4x NVMe+8x 2.5" SAS/ SATA hot-swap hard drives, and the whole system supports 8x NVMe+16x 2.5" SAS/SATA hot-swap hard drives
Rear hard drive	The system supports 2 easy-swap high-performance dual-socket server nodes	The system supports 2 easy-swap high-performance dual-socket server nodes	Single node supports 2x Gen1 or Gen2 Intel® Xeon® Scalable processors, only CPU1 supports -F series CPU
Processor	Single node supports 2x Intel E5 2600 V3/V4 processors	Single node supports 2x Intel E5 2600 V3/V4 processors	Single node supports 2x Intel E5 2600 V3/V4 processors
Chipset	Intel® C612 series server-specific chipset	Intel® C612 series server-specific chipset	Intel® C621 series server-specific chipset
Memory	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB	Single node supports DDR4-2400/2666/2933 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB
Storage controllers	Internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x 7pin SATA interfaces	Internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x 7pin SATA interfaces	Internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x 7pin SATA interfaces
Driver	24 hot-swap SAS/SATA (HDD/SSD)	24 hot-swap SAS/SATA (HDD/SSD)	Support 8 NVMe+16x 2.5" SAS/SATA(HD/SSD)
Power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	
External port & PCIe	Single node: Support 1xPCIe3.0x 16 full-height expansion card or 2x PCIe3.0x8 full-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, and 2 Gigabit RJ45 network ports	Single node: Support 1 x PCIe3.0 x 16 full-height expansion card or 2 x PCIe3.0 x 8 full-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port and 2 Gigabit RJ45 network ports and 2x 10 Gigabit SFP+ network ports	Single node: Support 1 x PCIe3.0 x 16 half-height expansion card, 1 x PCIe3.0 x8 half-height expansion card and 1 PCIe 3.0 Mezz expansion card, 1 high-density custom expansion port (can expand 1 VGA and 2 USB3.0), 1 RJ45 management network port, 2 Gigabit RJ45 network ports
Intelligent temp. control	Supports	Supports	Supports
Fan	The system supports 4x 8038 hot-swap fans	The system supports 4x 8038 hot-swap fans	The system supports 4x8038 hot-swap fans, optional 8056 hot-swap fan
Network	Onboard 2 Gigabit RJ45 network ports	Onboard 2 Gigabit RJ45 network ports and and 2x 10 Gigabit SFP+ network ports	Onboard 2 Gigabit RJ45 network ports
Security	TPM	TPM	TPM
Management	IPMI2.0	IPMI2.0	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	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	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V
Size	760 x 433 x 87.5mm (D x W x H)	760 x 433 x 87.5mm (D x W x H)	760 x 433 x 87.5mm (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	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)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

2. High-Density Computing 4-Node

Model	AMSRVSY10-D12R	AMSRVSY11-D12RF
Front hard drive	Single node supports 3x 3.5" /2.5" SATA hard drives; the whole system supports 12x 3.5"/2.5" SATA hard drives	Single node supports 3x 3.5" /2.5" SATA hard drives; the whole system supports 12x 3.5"/2.5" SATA hard drives
Rear hard drive	The system supports 4 easy-swap high-performance dual-socket server nodes	The system supports 4 easy-swap high-performance dual-socket server nodes
Processor	Single node supports 2x Intel E5 2600 V3/V4 processors	Single node supports 2x Intel E5 2600 V3/V4 processors
Chipset	Intel® C612 series server-specific chipset	Intel® C612 server dedicated processor chipset
Memory	Single node supports DDR4-1600/1866/2133 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB	Single node supports DDR4-1600/1866/2133 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB
Storage controllers	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Single-node internal storage: 4x 7pin SATA interfaces	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x 7pin SATA interfaces
Driver	12 hot-swap SATA (HDD/SSD)	12 hot-swap SATA (HDD/SSD)
Power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power
External port & PCIe	Single node: Support 1 x PCIe3.0 x 8 half-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports	Single node: Support 1 x PCIe3.0 x 8 half-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports and 2x 10G SFP+ network ports
Intelligent temp. control	Supports	Supports
Fan	The system supports 4x 8038 hot-swap fans	The system supports 4x 8038 hot-swap fans
Network	Onboard 2 Gigabit RJ45 network ports	Onboard 2 Gigabit RJ45 network ports and 2x 10Gigabit SFP+ network ports
Security	TPM	TPM
Management	IPMI2.0	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	760 x 433 x 87.5mm (D x W x H)	760 x 433 x 87.5mm (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	AMSRVSY12-D12R	AMSRVSY13-D14RF
Front hard drive	Single node supports 3x 3.5" /2.5" SAS/SATA hard drives; the whole system supports 12x 3.5"/2.5" SAS/SATA hard drives	Single node supports 3x 3.5" /2.5" SAS/SATA hard drives; the whole system supports 12x 3.5"/2.5" SAS/SATA hard drives
Rear hard drive	The system supports 4 easy-swap high-performance dual-socket server nodes	The system supports 4 easy-swap high-performance dual-socket server nodes
Processor	Single node supports 2x Intel E5 2600 V3/V4 processors	Single node supports 2x Intel E5 2600 V3/V4 processors
Chipset	Intel® C612 series server-specific chipset	Intel® C612 server dedicated processor chipset
Memory	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB
Storage controllers	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Single-node internal storage: 4x 7pin SATA interfaces	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x 7pin SATA interfaces
Driver	12 hot-swap SAS/SATA (HDD/SSD)	12 hot-swap SAS/SATA (HDD/SSD)
Power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power
External port & PCIe	Single node: Support 1 x PCIe3.0 x 8 half-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports	Single node: Support 1 x PCIe3.0 x 8 half-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports and 2x 10G SFP+ network ports
Intelligent temp, control	Supports	Supports
Fan	The system supports 4x 8038 hot-swap fans	The system supports 4x 8038 hot-swap fans
Network	Onboard 2 Gigabit RJ45 network ports	Onboard 2 Gigabit RJ45 network ports and 2x 10Gigabit SFP+ network ports
Security	TPM	TPM
Management	IPMI2.0	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	760 x 433 x 87.5mm (D x W x H)	760 x 433 x 87.5mm (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	AMSRVSY14-D12R	AMSRVSY15-D12RS
Front hard drive	Single node supports 3x 3.5" /2.5" SATA hard drives; the whole system supports 12x 3.5"/2.5" SATA hard drives	Single node supports 3x 3.5" /2.5" SAS/SATA hard drives; the whole system supports 12x 3.5"/2.5" SAS/SATA hard drives
Rear hard drive	The system supports 4 easy-swap high-performance dual-socket server nodes	The system supports 4 easy-swap high-performance dual-socket server nodes
Processor	Single node supports 2x Gen1 or Gen2 Intel® Xeon® Scalable processors, only CPU1 supports -F series CPU	Single node supports 2x Gen1 or Gen2 Intel® Xeon® Scalable processors, only CPU1 supports -F series CPU
Chipset	Intel® C621 series server-specific chipset	Intel® C621 server dedicated processor chipset
Memory	Single node supports DDR4-2133/2400/2666/2933 ECC-RDIMM/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIM-M/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM:64GB, 32GB
Storage controllers	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Single-node internal storage: 2x 7pin SATA interfaces	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 2x 7pin SATA interfaces
Driver	12 hot-swap SATA (HDD/SSD)	12 hot-swap SAS/SATA (HDD/SSD)
Power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power
External port & PCIe	Single node: Support 1 x PCIe3.0 x 8 half-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports	Single node: Support 1 x PCIe3.0 x 8 half-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports and 2x 10G SFP+ network ports
Intelligent temp, control	Supports	Supports
Fan	The system supports 4x 8038 hot-swap fans	The system supports 4x 8038 hot-swap fans
Network	Onboard 2 Gigabit RJ45 network ports	Onboard 2 Gigabit RJ45 network ports and 2x 10Gigabit SFP+ network ports
Security	TPM	TPM
Management	IPMI2.0	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	809 x 433 x 87.6mm (D x W x H)	809 x 433 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	AMSRVSY16-D24R	AMSRVSY17-D24RS
Front hard drive	Single node supports 6x 2.5" SATA hard drives; the whole system supports 124x2.5" SATA hard drives	Single node supports 6x 2.5" SATA hard drives; the whole system supports 124x2.5" SATA hard drives
Rear hard drive	The system supports 4 easy-swap high-performance dual-socket server nodes	The system supports 4 easy-swap high-performance dual-socket server nodes
Processor	Single node supports 2 Intel E5 2600 V3/V4 series processors	Single node supports 2 Intel E5 2600 V3/V4 series processors
Chipset	Intel® C612 series server-specific chipset	Intel® C612 server dedicated processor chipset
Memory	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIM-M/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM:64GB, 32GB	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIM-M/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM:64GB, 32GB
Storage controllers	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Single-node internal storage: 4x 7pin SATA interfaces	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x 7pin SATA interfaces
Driver	12 hot-swap SATA (HDD/SSD)	12 hot-swap SATA (HDD/SSD)
Power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power
External port & PCIe	Single node: Support 1 x PCIe3.0 x 8 half-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports	Single node: Support 1 x PCIe3.0 x 8 half-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports and 2x 10G SFP+ network ports
Intelligent temp, control	Supports	Supports
Fan	The system supports 4x 8038 hot-swap fans	The system supports 4x 8038 hot-swap fans
Network	Onboard 2 Gigabit RJ45 network ports	Onboard 2 Gigabit RJ45 network ports
Security	TPM	TPM
Management	IPMI2.0	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	760 x 433 x 87.6mm (D x W x H)	760 x 433 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	AMSRVSY18-D24R	AMSRVSY19-D24RS
Front hard drive	Single node supports 6x 2.5" SAS/SATA hard drives; the whole system supports 24x 2.5" SAS/SATA hard drives	Single node supports 6x 2.5" SAS/SATA hard drives; the whole system supports 24x 2.5" SAS/SATA hard drives
Rear hard drive	The system supports 4 easy-swap high-performance dual-socket server nodes	The system supports 4 easy-swap high-performance dual-socket server nodes
Processor	Single node supports 2 Intel E5 2600 V3/V4 series processors	Single node supports 2 Intel E5 2600 V3/V4 series processors
Chipset	Intel® C612 series server-specific chipset	Intel® C612 server dedicated processor chipset
Memory	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIM-M/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM:64GB, 32GB	Single node supports DDR4-1600/1866/2133/2400 ECC-RDIM-M/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM:64GB, 32GB
Storage controllers	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Single-node internal storage: 4x 7pin SATA interfaces	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 4x 7pin SATA interfaces
Driver	24 hot-swap SAS/SATA (HDD/SSD)	24 hot-swap SAS/SATA (HDD/SSD)
Power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power
External port & PCIe	Single node: Support 1 x PCIe3.0 x 8 half-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports	Single node: Support 1 x PCIe3.0 x 8 half-height expansion card, 1 VGA interface, 2 USB3.0 interfaces, 1 RJ45 management network port, 2 Gigabit RJ45 network ports and 2x 10G SFP+ network ports
Intelligent temp, control	Supports	Supports
Fan	The system supports 4x 8038 hot-swap fans	The system supports 4x 8038 hot-swap fans
Network	Onboard 2 Gigabit RJ45 network ports	Onboard 2 Gigabit RJ45 network ports and 2x 10Gigabit SFP+ network ports
Security	TPM	TPM
Management	IPMI2.0	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	760 x 433 x 87.6mm (D x W x H)	760 x 433 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	AMSRVSY20-D24R	AMSRVSY21-D24RS
Front hard drive	Single node supports 6x 2.5" SATA hard drives; the whole system supports 124x2.5" SATA hard drives	Single node supports 6x 2.5" SATA hard drives; the whole system supports 124x2.5" SATA hard drives
Rear hard drive	The system supports 4 easy-swap high-performance dual-socket server nodes	The system supports 4 easy-swap high-performance dual-socket server nodes
Processor	Single node supports 2x Gen1 or Gen2 Intel® Xeon® Scalable processors, only CPU1 supports -F series CPU	Single node supports 2x Gen1 or Gen2 Intel® Xeon® Scalable processors, only CPU1 supports -F series CPU
Chipset	Intel® C621 series server-specific chipset	Intel® C621 server dedicated processor chipset
Memory	Single node supports DDR4-2133/2400/2666/2933 ECC-RDIM-M/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM:64GB, 32GB	Single node supports DDR4-2133/2400/2666/2933 ECC-RDIM-M/LRDIMM; Single memory capacity support: RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM:64GB, 32GB
Storage controllers	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Single-node internal storage: 2x 7pin SATA interfaces	Single-node internal storage controller: PCH supports RAID 0\1\10&5 (for Windows only) Internal storage: 2x 7pin SATA interfaces
Driver	24 hot-swap SATA (HDD/SSD)	24 hot-swap SAS/SATA (HDD/SSD)
Power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power	800W, 1200W, 1300W, 1600W hot-swap 1+1 redundant power
External port & PCIe	Single node: Support 1x PCIe3.0 X16 half-height expansion card, 1x PCIe3.0 X8 half-height expansion card and 1 PCIe 3.0 Mezz expansion card, 1 high-density custom expansion port (can expand 1 VGA and 2 USB3.0), 1 RJ45 management network port, 2 Gigabit RJ45 network ports	Single node: Support 1x PCIe3.0 X16 half-height expansion card, 1x PCIe3.0 X8 half-height expansion card and 1 PCIe 3.0 Mezz expansion card, 1 high-density custom expansion port (can expand 1 VGA and 2 USB3.0), 1 RJ45 management network port, 2 Gigabit RJ45 network ports
Intelligent temp, control	Supports	Supports
Fan	The system supports 4x 8038 hot-swap fans, optional 8056 hot-swap fan	The system supports 4x 8038 hot-swap fans, optional 8056 hot-swap fan
Network	Onboard 2 Gigabit RJ45 network ports	Onboard 2 Gigabit RJ45 network ports
Security	TPM	TPM
Management	IPMI2.0	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	809 x 433 x 87.6mm (D x W x H)	809 x 433 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)

3. Blade Server

Model	AMSRVSY22-SR	AMSRVSY23-SG	AMSRVSY24-SG
Storage	Support 6x 3.5" hard drives or 12x 2.5" hard drives	Support 6x 3.5" hard drives or 12x 2.5" hard drives	Support 6x 3.5" hard drives or 12x 2.5" hard drives
System node	The system supports 3 single-socket hot-swap nodes	The system supports 3 single-socket hot-swap nodes	The system supports 3 single-socket hot-swap nodes
Processor	Single node supports 1 Intel® Xeon® processor E3-1200 V3/V4 series Intel® Gen4 Core i3 series; Pentium series Celeron series; CPU is up to 84W	Single node supports 1 Intel® Xeon® processor E3-1200 V3/V4 series Intel® Gen4 Core i3 series; Pentium series Celeron series; CPU is up to 84W	Single node supports 1 Intel® Xeon® E processor E -1200/E-2200 series; CPU is up to 95W
Motherboard model	G1SCN-B	G2SCN-B	G3SCN-B
Motherboard Chipset	Intel® PCH C222	Intel® PCH C232	Intel® PCH C242/C246 (Only C246 supports core graphics card)
Memory	Single node supports 4 DDR3-1066/1333/1600 ECC UDIMM; Single memory capacity: 4GB\8GB\16GB	Single node supports 4 DDR4-1066/1333/1600 ECC UDIMM; Single memory capacity: 4GB\8GB\16GB	Single node supports 4 DDR4-2133/2400/2666 ECC UDIMM; Single memory capacity: 4GB\8GB\16GB
Power	500W Gold efficiency power support 1+1 redundancy	500W Gold efficiency power support 1+1 redundancy	500W Gold efficiency power support 1+1 redundancy
Fan	The system supports 6x 4056 hot-swap fans	The system supports 6x 4056 hot-swap fans	The system supports 6x 4056 hot-swap fans
Display	Aspeed AST2400	Aspeed AST2400	Aspeed AST2400
Network card	2 RJ45 Gigabit network ports	2 RJ45 Gigabit network ports	2 RJ45 Gigabit network ports
Management	IPMI2.0	IPMI2.0	IPMI2.0
Expansion slot	Single node supports horizontal-rotation 1x PCIe3.0 X16 half-height expansion slot	Single node supports horizontal-rotation 1x PCIe3.0 X16 half-height expansion slot	Single node supports horizontal-rotation 1x PCIe3.0 X16 half-height expansion slot
USB	Single-node on-board 2 USB2.0 interfaces	Single-node on-board 2 USB2.0 interfaces	Single-node on-board 2 USB2.0 interfaces
M.2	N/A	Support PCIe or SATA M.2; Size support: 2242,2280,22110	Support PCIe 3.0X4 M.2 Size support: 2242,2280
DOM	Support SATA DOM	Support SATA DOM	Support SATA DOM
OS	Windows Server 2008 R2(64bit) Windows SBS 2011 (64bit) Windows Server 2012/2012 R2 (64bit) Redhat Enterprise Linux Server (32bit/64bit) Suse Enterprise Linux Server (32bit/64bit) Ubuntu Server (32bit/64bit)	Windows Server 2008 R2(64bit) Windows SBS 2011 (64bit) Windows Server 2012/2012 R2 (64bit) Redhat Enterprise Linux Server (32bit/64bit) Suse Enterprise Linux Server (32bit/64bit) Ubuntu Server (32bit/64bit)	Windows Server 2008 R2(64bit) Windows SBS 2011 (64bit) Windows Server 2012/2012 R2 (64bit) Redhat Enterprise Linux Server (32bit/64bit) Suse Enterprise Linux Server (32bit/64bit) Ubuntu Server (32bit/64bit)
Virtualization	VMWare ESXi (Target) Microsoft Hyper-V (Target) Citrix Xen Server (Target) Linux Kernel Virtual Machine (Target)	VMWare ESXi (Target) Microsoft Hyper-V (Target) Citrix Xen Server (Target) Linux Kernel Virtual Machine (Target)	VMWare ESXi (Target) Microsoft Hyper-V (Target) Citrix Xen Server (Target) Linux Kernel Virtual Machine (Target)
Authentication (Certification)	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	800 x 448 x 43.5mm (D x W x H)	800 x 448 x 43.5mm (D x W x H)	800 x 448 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	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)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVSY25-SR	AMSRVSY26-SG	AMSRVSY27-SG
Storage	Support 12x 2.5" hard drives or 12x 2.5" hard drives	Support 12x 3.5" hard drives or 12x 2.5" hard drives	Support 12x 3.5" hard drives or 12x 2.5" hard drives
System node	The system supports 6 single-socket hot-swap nodes	The system supports 6 single-socket hot-swap nodes	The system supports 6 single-socket hot-swap nodes
Processor	Single node supports 1 Intel® Xeon® processor E3-1200 V3/V4 series Intel® Gen4 Core i3 series; Pentium series Celeron series; CPU is up to 84W	Single node supports 1 Intel® Xeon® processor E3-1200 V3/V4 series Intel® Gen4 Core i3 series; Pentium series Celeron series; CPU is up to 84W	Single node supports 1 Intel® Xeon® E processor E-2100/E-2200 Series; CPU is up to 95W
Motherboard model	G1SCN-B	G2SCN-B	G3SCN-B
Motherboard Chipset	Intel® PCH C222	Intel® PCH C232	Intel® PCH C242/C246 (Only C246 supports core graphics card)
Memory	Single node supports 4 DDR3-1066/1333/1600 ECC UDIMM; Single memory capacity: 4GB\8GB\16GB	Single node supports 4 DDR4-1066/1333/1600 ECC UDIMM; Single memory capacity: 4GB\8GB\16GB	Single node supports 4 DDR4-2133/2400/2666 ECC UDIMM; Single memory capacity: 4GB\8GB\16GB
Power	800W CRPS power, support 1+1 redundancy	800W CRPS power, support 1+1 redundancy	800W CRPS power, support 1+1 redundancy
Fan	The system supports 4x 8038 hot-swap fans	The system supports 4x 8038 hot-swap fans	The system supports 4x 8038 hot-swap fans
Display	Aspeed AST2400	Aspeed AST2400	Aspeed AST2400
Network card	2 RJ45 Gigabit network ports	2 RJ45 Gigabit network ports	2 RJ45 Gigabit network ports
Management	IPMI2.0	IPMI2.0	IPMI2.0
Expansion slot	Single node supports horizontal-rotation 1x PCIe3.0 X16 half-height expansion slot	Single node supports horizontal-rotation 1x PCIe3.0 X16 half-height expansion slot	Single node supports horizontal-rotation 1x PCIe3.0 X16 half-height expansion slot
USB	Single-node on-board 2 USB2.0 interfaces	Single-node on-board 2 USB2.0 interfaces	Single-node on-board 2 USB2.0 interfaces
M.2	N/A	Support PCIe or SATA M.2; Size support: 2242,2280,22110	Support PCIe 3.0X4 M.2 Size support: 2242,2280
DOM	Support SATA DOM	Support SATA DOM	Support SATA DOM
OS	Windows Server 2008 R2(64bit) Windows SBS 2011 (64bit) Windows Server 2012/2012 R2 (64bit) Redhat Enterprise Linux Server (32bit/64bit) Suse Enterprise Linux Server (32bit/64bit) Ubuntu Server (32bit/64bit)	Windows Server 2008 R2(64bit) Windows SBS 2011 (64bit) Windows Server 2012/2012 R2 (64bit) Redhat Enterprise Linux Server (32bit/64bit) Suse Enterprise Linux Server (32bit/64bit) Ubuntu Server (32bit/64bit)	Windows Server 2008 R2(64bit) Windows SBS 2011 (64bit) Windows Server 2012/2012 R2 (64bit) Redhat Enterprise Linux Server (32bit/64bit) Suse Enterprise Linux Server (32bit/64bit) Ubuntu Server (32bit/64bit)
Virtualization	VMWare ESXi (Target) Microsoft Hyper-V (Target) Citrix Xen Server (Target) Linux Kernel Virtual Machine (Target)	VMWare ESXi (Target) Microsoft Hyper-V (Target) Citrix Xen Server (Target) Linux Kernel Virtual Machine (Target)	VMWare ESXi (Target) Microsoft Hyper-V (Target) Citrix Xen Server (Target) Linux Kernel Virtual Machine (Target)
Authentication (Certification)	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	800 x 448 x 88mm (D x W x H)	800 x 448 x 88mm (D x W x H)	800 x 448 x 88mm (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	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)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)

Model	AMSRVSY28-SR	AMSRVSY29-SG	AMSRVSY30-SG
Storage	Support 24x3.5" hard drives or 48x2.5" hard drives	Support 24x3.5" hard drives or 48x2.5" hard drives	Support 24x3.5" hard drives or 48x2.5" hard drives
System node	The system supports 12 single-socket hot-swap nodes	The system supports 6 single-socket hot-swap nodes	The system supports 6 single-socket hot-swap nodes
Processor	Single node supports 1 Intel® Xeon® processor E3-1200 V3/V4 series Intel® Gen4 Core i3 series; Pentium series Celeron series; CPU is up to 84W	Single node supports 1 Intel Xeon® processor E3-1200 V5/V6 series; Intel® Gen6/7 Core i3/i5/i7 series; Pentium series; Celeron series; CPU is up to 80W	Single node supports 1 Intel® Xeon® E processor E-2100/E-2200 Series; CPU is up to 95W
Motherboard model	G1SCN-B	G2SCN-B	G3SCN-B
Motherboard Chipset	Intel® PCH C222	Intel® PCH C232	Intel® PCH C242/C246 (Only C246 supports core graphics card)
Memory	Single node supports 4 DDR3 1066/1333/1600 ECC UDIMM memory; Single memory capacity: 4GB\8GB\16GB	Single node supports 4 DDR4 1066/1333/1600 ECC UDIMM memory; Single memory capacity: 4GB\8GB\16GB	Single node supports 4 DDR4 2133/2400/2666 ECC UDIMM memory; Single memory capacity: 4GB\8GB\16GB
Power	1600W CRPS power, support 1+1 redundancy	800W CRPS power, support 1+1 redundancy	800W CRPS power, support 1+1 redundancy
Fan	The system supports 4x 9038 hot-swap fans	The system supports 4x 9038 hot-swap fans	The system supports 4x 9038 hot-swap fans
Display	Aspeed AST2400	Aspeed AST2400	Aspeed AST2400
Network card	2 RJ45 Gigabit network ports	2 RJ45 Gigabit network ports	2 RJ45 Gigabit network ports
Management	IPMI2.0	IPMI2.0	IPMI2.0
Expansion slot	Single node supports horizontal-rotation 1x PCIe3.0 X16 half-height expansion slot	Single node supports horizontal-rotation 1x PCIe3.0 X16 half-height expansion slot	Single node supports horizontal-rotation 1x PCIe3.0 X16 half-height expansion slot
USB	Single-node on-board 2 USB2.0 interfaces	Single-node on-board 2 USB2.0 interfaces	Single-node on-board 2 USB2.0 interfaces
M.2	N/A	N/A	N/A
DOM	Support SATA DOM	Support SATA DOM	Support SATA DOM
OS	Windows Server 2008 R2(64bit) Windows SBS 2011 (64bit) Windows Server 2012/2012 R2 (64bit) Redhat Enterprise Linux Server (32bit/64bit) Suse Enterprise Linux Server (32bit/64bit) Ubuntu Server (32bit/64bit)	Windows Server 2008 R2(64bit) Windows SBS 2011 (64bit) Windows Server 2012/2012 R2 (64bit) Redhat Enterprise Linux Server (32bit/64bit) Suse Enterprise Linux Server (32bit/64bit) Ubuntu Server (32bit/64bit)	Windows Server 2008 R2(64bit) Windows SBS 2011 (64bit) Windows Server 2012/2012 R2 (64bit) Redhat Enterprise Linux Server (32bit/64bit) Suse Enterprise Linux Server (32bit/64bit) Ubuntu Server (32bit/64bit)
Virtualization	VMWare ESXi (Target) Microsoft Hyper-V (Target) Citrix Xen Server (Target) Linux Kernel Virtual Machine (Target)	VMWare ESXi (Target) Microsoft Hyper-V (Target) Citrix Xen Server (Target) Linux Kernel Virtual Machine (Target)	VMWare ESXi (Target) Microsoft Hyper-V (Target) Citrix Xen Server (Target) Linux Kernel Virtual Machine (Target)
Authentication (Certification)	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS	CCC, CE, FCC, ROHS
Size	800 x 448 x 132.2mm (D x W x H)	800 x 448 x 132.2mm (D x W x H)	800 x 448 x 132.2mm (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	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)	Operating humidity: 20% - 80% (non-condensing) Storage humidity: 20% - 90% (non-condensing)