



# SANGFOR aDesk Virtual Desktop Infrastructure Solution - Datasheet



## ★ VDS Specifications

Model	VDS-W-6550	VDS-W-7550	VDS-W-8050	VDS-B-7800	VDS-B-7850	VDS-B-7950	VDS-W-G530	VDS-W-G630	VDS-B-G690
Dimension (L*W*H mm)	2U 780*435*87 or 790*447*86.1	2U 780*435*87 or 790*447*86.1	2U 780*435*87	2U 794*446*88	2U 794*446*88	2U 794*446*88	2U 780*435*87	2U 780*435*87	2U 794*446*88
CPU	Intel 4314 2.40GHz 16C/32T 135W*2	Intel 6326 2.9GHz 16C/32T 185W*2	Intel 6342 2.8GHz 24C/48T 230W*2	AMD EPYC ROME 7K62 48C/96T 2.6GHz	AMD EPYC ROME 7K62 48C/96T 2.6GHz*2	AMD EPYC Milan 7543 2.8GHz 32C/64T 225W*2	Intel 6346 3.10GHz 16C/32T 205W*2	Intel 6334 3.6GHz 8C/16T 165W*2	AMD EPYC Milan 73F3 32C/64T 3.5GHz*2
Memory Type	DDR4	DDR4	DDR4	DDR4	DDR4	DDR4	DDR4	DDR4	DDR4
Memory	256GB (32GB*8)	256GB (32GB*8)	256GB (32GB*8)	256GB (32GB*8)	256GB (32GB*8)	256GB (32GB*8)	128GB (32GB*4)	128GB (32GB*4)	256GB (32GB*8)
Memory Slots	32	32	32	16	32	32	32	32	32
System Disk	240GB*2 RAID1	240GB*2 RAID1	240GB*2 RAID1	240GB*2 or 480GB*2 RAID1	240GB*2 or 480GB*2 RAID1	240GB*2 or 480GB*2 RAID1	240GB*1 or 480GB*1	240GB*1 or 480GB*1	240GB*1 or 480GB*1
Disk Slots	12*front 2.5/3.5"	12*front 2.5/3.5"	12*front 2.5/3.5"	12*front 2.5/3.5"	12 * front 2.5/3.5"	12*front 2.5/3.5"	8*front 2.5/3.5"	8*front 2.5/3.5"	8*front 2.5*3.5"
NIC	4*GE+2*10GE Optical ports	4*GE+2*10GE Optical ports	4*GE+2*10GE Optical ports	4*GE	4*GE+2*10GE Optical ports	4*GE+2*10GE Optical ports	4*GE+2*10GE Optical ports	4*GE+2*10GE Optical ports	4*GE+2*10GE Optical ports
Supported Network Card	2*GE port card 4*GE port card 2*10GE port card 2*10GE optical port card 4*10GE optical port card 2*25GE optical port card	2*GE port card 4*GE port card 2*10GE port card 2*10GE optical port card 4*10GE optical port card 2*25GE optical port card	2*GE port card 4*GE port card 2*10GE port card 2*10GE optical port card 4*10GE optical port card 2*25GE optical port card	2*GE port card 4*GE port card 2*10GE port card 2*10GE optical port card 4*10GE optical port card 2*25GE optical port card	2*GE port card 4*GE port card 2*10GE port card 2*10GE optical port card 4*10GE optical port card 2*25GE optical port card	2*GE port card 4*GE port card 2*10GE port card 2*10GE optical port card 4*10GE optical port card 2*25GE optical port card	2*GE port card 4*GE port card 2*10GE port card 2*10GE optical port card 4*10GE optical port card 2*25GE optical port card	2*GE port card 4*GE port card 2*10GE port card 2*10GE optical port card 4*10GE optical port card 2*25GE optical port card	2*GE port card 4*GE port card 2*10GE port card 2*10GE optical port card 4*10GE optical port card 2*25GE optical port card
PCIe Type	PCIe 3.0	PCIe 3.0	PCIe 3.0	PCIe 3.0	PCIe 3.0	PCIe 3.0	PCIe 3.0	PCIe 3.0	PCIe 3.0
Total PCIe Slot	5	5	5	3	6	6	6	6	6
Spare PCIe Slot	2	2	2	1	2	2	2	2	3
GPU	N/A	N/A	N/A	N/A	N/A	N/A	Max.GPU quantity:2 GPU option: Nvidia A16,A40,T4,L20	Max.GPU quantity:2 GPU option: Nvidia A16,A40,T4,L20	Max.Nvidia GPU quantity:2, AMD GPU quantity:3 GPU option: Nvidia A16/T4, AMD V620
USB3.0	4	4	4	4	4	2	4	4	2
PSU	1300W or 900W Dual PSU	1300W or 900W Dual PSU	1300W Dual PSU	800W Dual PSU	1200W or 1300W Dual PSU	1200W Dual PSU	2000W Dual PSU	2000W Dual PSU	2200W or 2000W Dual PSU
Cross Weight	38 or 29 Kg	38 or 29 Kg	38 or 29 Kg	35Kg	35Kg	35Kg	34Kg	34Kg	35Kg
Net Weight	28 or 24 Kg	28 or 24 Kg	28 or 24 Kg	33Kg	33Kg	33Kg	27Kg	27Kg	33Kg

\* The weight, PSU, OS disk and dimensions are not fixed due to the use of multiple suppliers. Double confirm with the Sangfor responsive before bidding.

### ★ Software VDC Specifications

Resource	Max. Concurrent User	Max. WAN Throughput
4C4G	1000	240Mb
4C8G	5000	650Mb
8C12G	15000	1250Mb

\*The disk space should be at least 64GB.

### ★ Hardware VDC Specifications

Model	Memory	Storage	NIC	PSU	Dimension (mm)	Max.Concurrent User	Max.WAN Throughput
VDC-2600	4GB	128GB	6*GE	40W PSU	1U 375*430*44.5	1000	240Mb
VDC-4600	8GB	128GB	6*GE + 4* GE Optical Ports	40W Dual PSU	1U 400*430*44.5	5000	650Mb

### ★ Thin-Client Specifications

Model	Hardware Specification	Port	Dimension	Power (Typical)	Net Weight	Resource Type	Scenarios
aDesk-STD-220	ARM A55 CPU 4 Cores 1.6GHz, 2GB RAM, 8GB Storage, USB2.0*5 + USB3.0*1, GE port * 1, Dual Audio port*1	1*VGA + 1*HDMI (Unable to support VGA and HDMI at the same time)	170*105*29	3.4W	0.35Kg	Virtual Desktop	1. General Office 2. Manufacturing 3. Call Center 4. Education
aDesk-STD-320	ARM A55 CPU 4 Cores 1.8GHz, 2GB RAM, 8GB Storage, USB2.0*4 + USB3.0*2, GE port * 1, Dual Audio port*1	1*VGA + 1*HDMI	170*105*29	6.1W	0.35Kg	Virtual Desktop	1. General office dual screen 2. Lightweight 3D scenarios like education
aDesk-STD-620	Intel N5105 4 Cores 2.0GHz, 2GB RAM, 8GB Storage, USB2.0*4 + USB3.0*4 + Type-C*1, GE port * 1, Dual Audio port*1	2*HDMI + 1*DP (Software doesn't support DP now)	178*110*28	17W	0.93Kg	Virtual Desktop	1. 3D Enterprise Design 2. 2D Desktop Dual Screen 3. 3D Desktop Dual Screen
aDesk-STD-200H-S (VGA)	ARM A9 CPU, 4*cores 1.6GHz, 1G memory, 4G storage, USB*6, Dual Audio port*1, 100M Ethernet port*1	1*VGA	170 * 105 * 29	7W	0.35Kg	Virtual Desktop, Shared Desktop, Remote Desktop, Remote Application	1. General Office 2. Manufacturing 3. Call Center 4. Education
aDesk-STD-200H-S (HDMI)	ARM A9 CPU, 4*cores 1.6GHz, 1G memory, 4G storage, USB*6, Dual Audio port*1, 100M Ethernet port*1	1*HDMI	170 * 105 * 29	7W	0.35Kg		