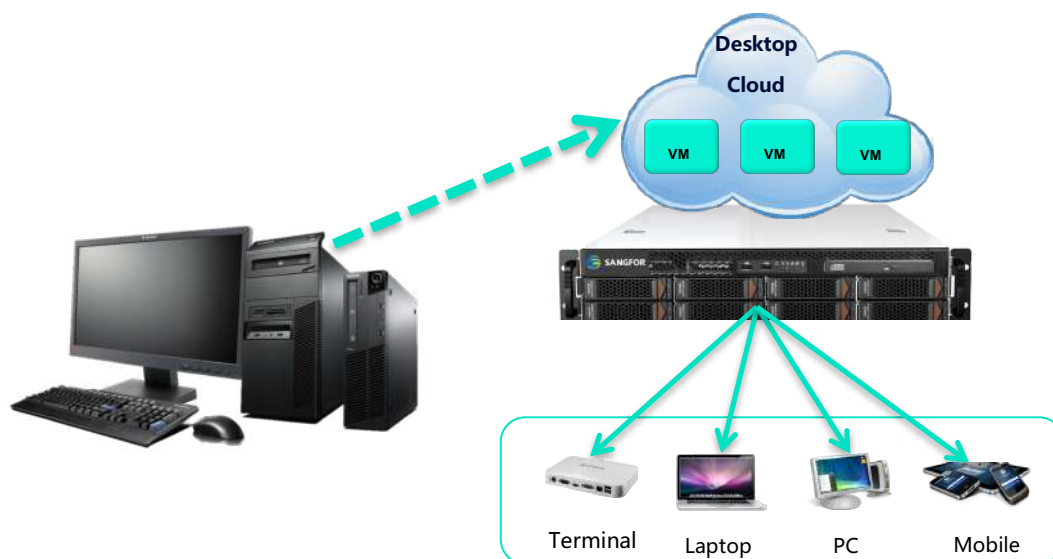


Sangfor VDI hardware specification

SANGFOR aDesk solution provides a desktop cloud infrastructure with deeply converged front-end/back-end hardware & software, making desktop user experience smooth, stable, secured & efficient.



VDS specification :

| Server model | VDS-G680 | VDS-G380 | VDS-8050 | VDS-6550 | VDS-5050 | VDS-3550 | VDS-1350 |
|--------------------------|---|---|--|--|--|--|--|
| Chipset Type | C6XX series | C6XX series | C6XX series | C6XX series | C6XX series | C6XX series | C6XX series |
| CPU | 2*2682 V4 (16 core, 2.5GHz) | 2*2623 V3 (4core 3.0GHz) | 2*E5-2682 V4 (16 core 2.5GHz) | 2*E5-2660 V3 (10 core 2.6GHz) | 2*E5-2630 V3 (8 core 2.4GHz) | 2*E5-2620 V3 (6 core 2.4GHz) | E3-1230 V3 (4 core 3.3GHz) |
| Memory | 256G(8*32G) | 96G(6*16G) | 256G(8*32G) | 160G(10*16G) | 128G(8*16G) | 96G(6*16G) | 32G(4*8G) |
| Memory Slot | 16 | 16 | 16(Max:512G) | 16 | 16 | 16 | 4 |
| Storage | System Disk: 1*128GB SSD Cache Disk: 2*480GB SSD | System Disk: 1*128GB SSD Cache Disk: 2*240GB SSD | System Disk: 1*64GB SSD Cache Disk: 1*480GB SSD | System Disk: 1*64GB SSD Cache Disk: 1*240GB SSD | System Disk: 1*64GB SSD Cache Disk: 1*240GB SSD | System Disk: 1*64GB SSD Cache Disk: 1*120GB SSD | System Disk: 1*64GB SSD Cache Disk: 1*120GB SSD |
| Disk Slot | 8 | 8 | 12 | 8 | 8 | 8 | 4 |
| RAID Card | LSI-9341-8I | LSI 9217-8I | LSI-9341-8I | LSI-9217-8I | LSI-9217-8I | LSI-9217-8I | --- |
| Network Interface | 6*GE | 6*GE | 6*GE+2*10GE (Optical Port) | 6*GE | 6*GE | 6*GE | 2*GE |
| Ports | 2*USB, 1*VGA | 2*USB, 1*VGA | 2*USB, 1*VGA | 2*USB, 1*VGA | 2*USB, 1*VGA | 2*USB, 1*VGA | 2*USB, 1*VGA |
| | Redundant Power | Redundant Power | Redundant Power | Redundant Power | Redundant Power | Single Power | Single Power |

| | | | | | | | |
|-------------------------------|-------------------|-------------------|-------------------|--|--|--|-------------------|
| Power Supply | Supply | Supply | Supply | Supply | Supply | Supply (Optional redundancy) | Supply |
| Product Form Factor | Rack-mountable 2U | Rack-mountable 2U | Rack-mountable 2U | Rack-mountable 2U | Rack-mountable 2U | Rack-mountable 2U | Rack-mountable 1U |
| Dimensions (D x W x H) | 750*445*90 | 750*445*90 | 615*445*88 | 800*435*90 (Need 1000mm length Rack) | 800*435*90 (Need 1000mm length Rack) | 800*435*90 (Need 1000mm length Rack) | 660*435*43 |
| Power | 1600W | 740W | 770W | 770W | 770W | 600W | 400W |

Thin client :

| Model | Hardware Specification | Port | Dimensions (D x W x H) | Power (W) | Weight (kg) | Scenario | Notice |
|----------|--|-----------------|------------------------|-----------|-------------|--|--|
| STD-200H | ARM A9, CPU: 4 Cores, 1.6Ghz, 1G Memory, 4G Storage, USB*6, Ethernet port*1, Audio Interface*1 | 1*VGA or 1*HDMI | 127*127*25 | 5 | 0.35 | 1. General Office, Computing Room 2. 2D software such as CAD, PS, etc. 3. CCTV/ Video conference | Recommend STD-200, except special scenario |

Hardware VDC :

| Model | Concurrent users | Throughput | Concurrent connection | New connection | GE Port WAN | GE Port LAN | GE Port DMZ | GE SFP Port | Power supply |
|----------|------------------|------------|-----------------------|----------------|-------------|-------------|-------------|-------------|---------------------------------|
| VDC-2500 | 500 | 100M | 2000 | 100 | 2 | 1 | 1 | --- | Single power supply |
| VDC-2600 | 1000 | 250M | 4000 | 200 | 4 | 1 | 1 | --- | Single power supply |
| VDC-4500 | 2000 | 400M | 10000 | 300 | 4 | 1 | 1 | 2 | Optional redundant power supply |
| VDC-4600 | 5000 | 550M | 20000 | 400 | 4 | 1 | 1 | 4 | Redundant power supply |
| VDC-8500 | 16000 | 800M | 50000 | 1000 | 2 | 1 | 1 | 4 | Redundant power supply |

Notice :

1. Mainly refer 'Concurrent User'. For intranet user accessing, after VDC authentication, it will use direct mode (thin client -> server) by default, which won't reduce VDC performance. While Proxy mode (thin client -> VDC-> server) is essential for extranet users accessing virtual desktop after VDC authentication. Customer can also choose proxy mode for intranet users for higher security requirements.
2. It is recommended to use "concurrent user * 2/3" to do sizing if the customer wants to use VDC proxy mode to deploy all VMs.
3. "Concurrent connection" means Total TCP connections; "New Connection" means maximum TCP connection in 1 second.