

# AltosCloud VDI - STD

AltosCloud VDI - STD empowers schools and enterprises to use the state-of-the-art VDI software platform and powerful Altos BrainSphere<sup>™</sup> servers to initiate innovative remote desktop access to meet the needs of workspace flexibility and gain a competitive advantage.

#### Scenarious:



Education

Call Center





**Business Office** 

Lear/Work From home



# Features:



#### Centralized Management and Resource Saving

One central server location to upgrade hardware, software, monitoring and patching make IT admins jobs easier.



#### Data Higher Security

Centralized data storage mode and unified storage backup help users are repaired immediately in case of malicious program damage or machine damage.



#### Supports Green Initiatives, Saves Power

AltosCloud VDI thin client consumes (20W/device) much less power than a traditional desktop computer.

# Benefit:

- Perpetual User License (AltosCloud VDI)
- Simple and fast set-up of Virtual Machines
- Process and Management at the same time

# SPECIFICATION



# Recommended configuration:

	Server		
Concurrent User	15	25	45
VDI Edition	Standard	Standard	Standard
Platform	AMD	AMD	AMD
Server Model	Altos BrainSphere <sup>TM</sup> R385 F5	Altos BrainSphere <sup>TM</sup> R385 F5	Altos BrainSphere <sup>TM</sup> R385 F5
	(12x 3.5" GPU SKU)	(12x 3.5" GPU SKU)	(12x 3.5" GPU SKU)
СРИ	2x AMD EPYC 7262	2 x AMD EPYC 7302	2 x AMD EPYC 7402
	(8 Cores, 16 Threads, 3.2GHz, 128MB L3 Cache, TDP 155W)	(16 Cores, 32 Threads, 3.0GHz, 128MB L3 Cache, TDP 155W)	(24 Cores, 48 Threads, 2.8GHz, 128MB L3 Cache, TDP 180W)
Memory	256GB	256GB	512GB
	16x 16GB DDR4-3200	16x 16GB DDR4-3200	16x 32GB DDR4-3200
	(CPU support frequency up to 3200)	(CPU support frequency up to 3200)	(CPU support frequency up to 3200)
Storage	OS: 2x 480GB SATA3 SSD	OS: 2x 480GB SATA3 SSD	OS: 2x 480GB SATA3 SSD
	(Commercial Level)	(Commercial Level)	(Commercial Level)
	Data: 3x 960GB SATA SSD (RAID 5)	Data: 4x 960GB SATA SSD (RAID 5)	Data: 4x 1.92TB SATA SSD (RAID 5)
	(Commercial Level)	(Commercial Level)	(Commercial Level)
RAID	1x MegaRAID 9361-8i 1GB	1x MegaRAID 9361-8i 1GB	1x MegaRAID 9361-8i 1GB
Network	onboard GbE Dual	onboard GbE Dual	onboard GbE Dual
NGP Encoding	1x RTX A4000	1x RTX A4000	1x RTX A4000
NVIDIA vGPU 3D rendering	N/A	N/A	N/A
NVIDIA vGPU License	N/A	N/A	N/A
Power	1+1 2000W Redundant	1+1 2000W Redundant	1+1 2000W Redundant
VM Configuration Per User	VM scenario: STD Normal Use <sup>1</sup>	VM scenario: STD Normal Use <sup>1</sup>	VM scenario: STD Normal Use <sup>1</sup>
	OS: Windows 10 x64	OS: Windows 10 x64	OS: Windows 10 x64
	vCPU: 4 core	vCPU: 4 core	vCPU: 4 core
	vRAM: 8GB	vRAM: 8GB	vRAM: 8GB
	vHDD: 80GB	vHDD: 80GB	vHDD: 80GB
		Thin Client	
TC400	Qty: 15 pcs	Qty: 25 pcs	Qty: 45 pcs

# **Request More Information:**

For information, service, or to purchase AltosCloud VDI-3D, contact your local representative or visit our website and download center.

https://www.altoscomputing.com/en-US/solution/vdi

https://www.altoscomputing.com/en-US/download



# AltosCloud VDI - 3D

AltosCloud VDI - 3D is a great solution to build high-performance VMs for a remote workstation for high-powered graphics users. NVIDIA vGPU software virtualized an NVIDIA GPU to provide a physical workstation user experience in a virtual environment. The users can get uncompromised 2D/3D applications user experience.

## Scenarious:





**High Education** 

#### Designer





Healthcare/Life Sciences

AEC



**Features:** 

### Increase Productivity

Deliver a superior graphics performance on virtual desktops with the same responsive experience as a physical workstation.



## Desktop Flexibility (BYOD)

Speed the work process by enabling employees to use the device of their choice to access fully 3D capable virtual workstations from anywhere.



## Uncompromised Data Security

Onboard new data in minutes while ensuring the security of project files in the data center.



# Driving Data Consistency

Centralize information in the data center for greater consistency and control over information changes.

# Benefit:

- Great 2D/3D user experience
- Rapid provisioning of Virtual Workstation



# **SPECIFICATION**



# Recommended configuration:

	Server		
Concurrent User	4	8	
VDI Edition	3D	3D	
Platform	AMD	AMD	
Sower Model	Altos BrainSphere <sup>TM</sup> R385 F5	Altos BrainSphere <sup>TM</sup> R385 F5	
Server Woder	(12x 3.5" GPU SKU)	(12x 3.5" GPU SKU)	
CDU	2x AMD EPYC 7262	2 x AMD EPYC 7343	
CFU	(8 Cores, 16 Threads, 3.2GHz, 128MB L3 Cache, TDP 155W)	(16 Cores, 32 Threads 3.2GHz, 128MB L3 Cache, TDP 190W)	
	256GB	256GB	
Memory	16x 16GB DDR4-3200	16x 16GB DDR4-3200	
	(CPU support frequency up to 3200)	(CPU support frequency up to 3200)	
	OS: 2x 480GB SATA3 SSD	OS: 2x 480GB SATA3 SSD	
Storage	(Commercial Level)	(Commercial Level)	
Storage	Data: 3x 960GB SATA SSD (RAID 5)	Data: 3x 1.92TB SATA SSD (RAID 5)	
	(Commercial Level)	(Commercial Level)	
RAID	1x MegaRAID 9361-8i 1GB	1x MegaRAID 9361-8i 1GB	
Network	onboard GbE Dual	onboard GbE Dual	
NGP Encoding	Encoding through vGPU	Encoding through vGPU	
NVIDIA vGPU 3D rendering	1x RTX A5000	1x RTX A6000	
NVIDIA vGPU License	vWS License <sup>1</sup>	vWS License <sup>1</sup>	
Power	1+1 2000W Redundant	1+1 2000W Redundant	
	VM scenario: 3D	VM scenario: 3D	
	OS: Windows 10 x64	OS: Windows 10 x64	
VM Configuration Per User	vCPU: 8 core	vCPU: 8 core	
vivi comiguiation i er eser	vRAM: 16GB	vRAM: 16GB	
	vHDD: 400GB	vHDD: 400GB	
	vGPU: 6GB	vGPU: 6GB	
	Thin Client		
TC400	Qty: 4 pcs	Qty: 8 pcs	

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