

Head to Head comparison between **ATSG Cloud Hosted Virtual Desktop**, **AWS** and **Microsoft Cloud PC**

dinHVD offers Flat Rate Pricing with no Hidden Fees - Microsoft Cloud PC lacks flexibility in configuration and is very limited in management options whereas AWS is complex in Configuration and Ongoing Support



Feature	dinHVD	AWS Workspaces	CloudPC Enterprise
Bandwidth	<i>i</i> Unlimited Included	<i>i</i> Additional Cost	Additional Cost
Daily Snapshots x10days	<i>i</i> Included	<i>i</i> Additional Cost	Not Available
BYOL (Bring Your Own License)	<i>i</i> Yes (M365 E3/5)	Yes	Yes (M365 E3/5), Windows Hybrid Benefit for up to 16% Discount if Stipulations are Met
Admin Features	<i>i</i> dinManage Included	<i>i</i> Not Available	Endpoint Manager only, requires M365 subscription or standalone \$10 per user
Customer Support	<i>i</i> 24/7 Included with 15 Minute Response Time, 98% CSAT (Customer Satisfaction) Score	Additional cost; 24/7 Support comes at paid plans	Minimum \$1000 for 12/5 Support
AD (Active Directory)	Included	Additional Cost	Local AD via Azure Hybrid AD
OS (Operating System)	Win 10 Pro, Ent, Server 16/19	Desktops: Windows & Linux Servers: Windows, Linux & macOS	Only Win 10 Enterprise
Backup/DR (Disaster Recovery)	<i>i</i> Multi Location DCs for Backup/DR/HA	<i>i</i> Additional Cost	No Backup or DR available
Monitoring	<i>i</i> Robust Monitoring and Alerts via dinManage, Citrix and RMM	<i>i</i> Additional Cost	No Hypervisor Level Access, No Monitoring for CloudPC
Alerts	<i>i</i> Robust Monitoring and Alerts via dinManage, Citrix and RMM	<i>i</i> Additional Cost	None
CPU Usage	Robust Monitoring and Alerts via dinManage, Citrix and RMM	Additional Cost	None
Hard Disk	Robust Monitoring and Alerts via dinManage, Citrix and RMM	Additional Cost	None
Memory Utilization	Robust Monitoring and Alerts via dinManage, Citrix and RMM	Additional Cost	None
User Profiles	<i>i</i> Local, Roaming, FSLogix, Nutanix Files	<i>i</i> Not Available	Local only

Feature	dinHVD		AWS Workspaces	CloudPC Enterprise
Networking		Full Control	<i>i</i> Often requires an AWS Certified Engineer	vNet via injection
VPN Gateway	<i>i</i>	Included	<i>i</i> Additional Cost	Variable (Depends upon usage)
Site to Site (S2S) Tunnels	<i>i</i>	Included	Additional Cost	Variable (Depends upon usage) only upto 10 tunnels included for free
Point to Site (P2S) Tunnels	<i>i</i>	Included	Additional Cost	Variable (Depends upon usage) only upto 128 tunnels included for free
Subnet	<i>i</i>	Included	Often requires an AWS Certified Engineer	Variable (Depends upon usage)
Firewall	<i>i</i>	Included	Additional Cost	Variable (Depends upon usage)
NAT Gateway	<i>i</i>	Included	<i>i</i> Additional Cost (Free if using paid firewall)	Variable (Depends upon usage)
Printing	<i>i</i>	Full Integration, Ipsec to Print Server, Network Print	<i>i</i> Not Available	Full Support
Resource Flexibility	<i>i</i>	Any Combination of CPU, RAM, HDD and Bundled Packages	<i>i</i> Limited options by Instance Family and Type	12 Preset Configurations Only
Bandwidth Costs	<i>i</i>	Included in Flat Rate - Unlimited Bandwidth in/out	<i>i</i> Additional Cost	Per GB Rate For out Traffic
Deployment Models	<i>i</i>	Per User, Persistent, Non-Persistent, Session-Host, Multi-User, Multi-Session	<i>i</i> Complex	Per User Dedicated Persistent Only
Upgrade/Downgrade	<i>i</i>	Real Time	<i>i</i> Real Time	Only Upgrade Functionality Available
Geolocation	<i>i</i>	Choose a DC close to Your Location For Best Connection Reliability and Lowest Latency	<i>i</i> Available Data Center and Availability Zones can be selected	Not Available
Best in Class Hardware	<i>i</i>	Hyperconverged Infrastructure, Always Latest Compute Components, SSD storage Only	Additional Cost	Spinning HDD, Additional Cost for Better HW, No Hyperconverged
Regulatory Compliance	<i>i</i>	Easy Compliance Management, High Visibility and Control	<i>i</i> Yes	No Visibility into Compliance Components
Non Persistent / Pooled Machines For Multiple Users		Included	Additional Cost	Per GB Rate For out Traffic
Business-critical system downtime		< 30 minutes	< 60 Minutes	Only Upgrade Functionality Available

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Managed Services



Feature		dinHVD		AWS Workspaces	CloudPC Enterprise *
Patch Management	i	Available as Internal bundle. No 3rd Party Contracts Required	i	Available Only as 3rd party Addons	Available Only as 3rd party Addons
Additional Monitoring/Alerting		Available as Internal bundle. No 3rd Party Contracts Required		Available Only as 3rd party Addons	Available Only as 3rd party Addons
AV (Anti Virus)/Security Solutions	i	Available as Internal bundle. No 3rd Party Contracts Required	i	Available Only as 3rd party Addons	Available Only as 3rd party Addons
Highly Flexible Backup/DR options	i	Available as Internal bundle. No 3rd Party Contracts Required		Available Only as 3rd party Addons	None

Professional Services



Feature		dinHVD		AWS Workspaces	CloudPC Enterprise *
Project Management	i	Included		None. Require AWS Certified Practitioners	None
Implementation	i	Included		None. Require AWS Certified Practitioners	None
Migration Support	i	Included		None. Require AWS Certified Practitioners	None
Customizations	i	Included		None. Require AWS Certified Practitioners	None

* Only available for high volume customers for additional fees.

Pricing



Feature	dinHVD	Price	AWS Workspaces	Price	CloudPC Enterprise *	Price
Base Price		\$ 59.85		\$ 70.00		\$ 28
Bandwidth	Unlimited	\$ 0	Additional Cost	\$ 1.10	Additional Cost	\$ 17.50
Non Windows 10 Pro EndPoint	Included	\$ 0	Additional Cost	\$ 0	Additional Cost	\$ 4
OS (operating System) Windows License	Windows Server OS 2016 - 2019 *	\$ 0	Included	\$ 0	Additional Cost	\$ 13.50
Monitoring	Included	\$ 0	Additional Cost	\$ 3.50	Endpoint Analytics (Endpoint Manager)	\$ 10.60
Alerts	Included	\$ 0	Not Available	\$ 0	Endpoint Analytics (Endpoint Manager)	
CPU Usage	Included	\$ 0	Not Available	\$ 0	Endpoint Analytics (Endpoint Manager)	
Hard Disk Utilization	Included	\$ 0	Not Available	\$ 0	Endpoint Analytics (Endpoint Manager)	
Memory Utilization	Included	\$ 0	Not Available	\$ 0	Endpoint Analytics (Endpoint Manager)	
AD/ Active Directory	Included	\$ 0	Not Available	\$ 0	Additional Cost	\$ 6
Networking	Included	\$ 0	Not Available	\$ 0	Variable (Depends upon usage)	\$ 37.35
VPN Gateway	Included	\$ 0	Not Available	\$ 0	Variable (Depends upon usage)	\$ 26.28
Site to Site (S2S) Tunnels	Included	\$ 0	Not Available	\$ 0	Variable (Depends upon usage) only upto 10 tunnels included for free	
Point to Site (P2S) Tunnels	Included	\$ 0	Not Available	\$ 0	Variable (Depends upon usage) only upto 128 tunnels included for free	
Subnet	Included	\$ 0	Not Available	\$ 0	Variable (Depends upon usage)	
Firewall	Included	\$ 0	Not Available	\$ 0	Variable (Depends upon usage)	
NAT Gateway	Included	\$ 0	Not Available	\$ 0.11	Variable (Depends upon usage)	\$ 0.80
VPN (Virtual Private Network)	Included	\$ 0	Not Available	\$ 0.07		



Feature	dinHVD	Price	AWS Workspaces	Price	CloudPC Enterprise *	Price
Pro - Support	Included (24/7/365)	\$ 0		\$ 30	CloudPC support for 100 VMs - Azure is paid support (Minimum is \$1000) 12/5 (Enterprise support available at additional cost)	\$ 10
Snapshot	Included	\$ 0		\$ 4.75	Additional Cost	\$ 4.40
Data Transfer	Included	\$ 0		\$ 2.18		\$ 0
Total		\$ 59.85		\$ 112		\$ 158

* Windows 10 license available for \$13.50 for CloudPC