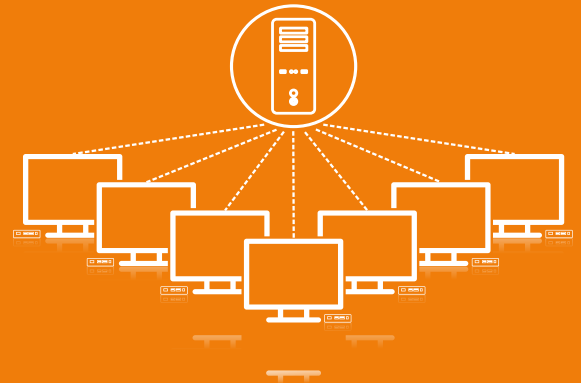


Extend 1 PC To Many Workstations



What is it?

vCloudPoint Zero Client



The vCloudPoint device is a network access device that effectively allows multiple users to simultaneously share the host computer's untapped resources while still providing users with the same PC experience. The vCloudPoint device is referred to as zero client or ultra thin client, because it contains no moving parts but centralizes all processing and storage to just what is running on the host. As a result, it requires no local driver to install, no patch management, and no local operating system licensing fees or updates. The device consumes very little power and is tamper-resistant and completely incapable of storing any data locally, providing a more secure endpoint.

Benefits of Replacing PCs With vCloudPoint Zero Clients



Save 70% Capital Cost

All users share one set of applications and vCloudPoint zero clients cost only half the price of entry-level PCs.



Save 95% Power Consumption

Compared to 110 watts used by PCs, vCloudPoint zero clients consume only 5 watts and produce much less heat.



Save 95% Maintenance Cost

vCloudpoint zero clients have no breakable parts. Maintenance is minimized to host machine.



Save 95% Future Up-gradation

The obsolescence-free feature of the vCloudPoint zero clients also proves longer desktop refresh cycle up to 10 years.



Desktop Broadcasting:

Teachers can display their desktop to students for real-time instruction.



Instant Message:

The vChat Internet Messenger allows teachers to communicate with students easily.



User Control:

Admin can view and take control of user's desktops, and are able to disable audio, video and USB device use.



Multimedia Supports:

vCloudpoint supports PC quality video and audio playback, and unlimited number of video users to enhance a diverse way of learning and teaching.



High User Density:

Low CPU bandwidth consumption allows a host to be shared by more users. vDirect Client Rendering technology further reduces CPU consumption by 90% for video workloads.



Great Simplicity:

No endpoint configurations; auto power-on and auto-on and auto-login allows the teacher to quickly get desktops ready without requiring the students to learn to use the zero clients.

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Shared Computing - Not Just Cost-Saving



Model - A1



Model	A1	
Appearance	Size	93(W)x90(D)x17.5(H) mm
	Weight	136g
	Color	Matte black
Configuration Methods	Host side	
Display Interfaces	VGA	
Networking	Ethernet	10/100 Mbps
	WIFI	
I/O	Display	1xVGA
	USB	3xUSB 2.0
	Network	1xRJ45
	Audio	1xMicrophone jack, 1xMpeaker jack
	Power	1x5V DC
	Switch	1x Power/reset switch
Anti-theft Gadget	✓	
Power Consumption	5W	

Resolution	Normal Display Resolutions (32 bits @ 60Hz):640x480,1366x768,1440x900,1680x1050, and1920x1080 Wide display resolutions (32bits @ 60Hz):1360x768,1366x768,1440x900,1600x900,1680x1050,and1920x1080
Audio	16 bits, 44.1Khs/48Khz audio input/output via 3.5mm stereo jacks
Maximum Number of user per shared host	vMatrix Server Manager permits up to 99 users per shared host. Actual number of supported users depends on the host configuration and the type of application used. View Host Configuration Guide at: http://www.vcloudpoint.com
Internet hardware	All solid-state design. No moving parts, no fans, no local user storage.
Data Security	No local data storage on device. USB data access controlled by user policy.
Environmental	0 to 40 degrees Celsius 10 to 85% relative humidity (non-condensing) No moving parts permits use in high dust/particulate/ vibration environments.
Reliability	>100,000 h
Supported USB Peripherals	Storage Device, USB Hubs, Single, Multi-fuctional & Dot Matrix Printers, Smart Card Reader, Office & POS Scanner, Single Touch Screen Ukeys, Parallel to USB Convertors, etc; An external power supply may be required for devices working on large voltage View more USB devices At http://www.vcloudpoint.com/wp-content/uploads/documentsation/ENG/Tested USB Devices.xls
User Software	vCloudPoint's vMatrix Server Manager with Dynamic Desktop Protocol (DDP)
Supported Operating System	Microsoft Window XP Sp3 Pro 32bits, 7, 8, 8.1 & 10 (excluding starter, Home Basic and Insider editions), Server 2003 32 bits, 2008R2, 2012, 2012R2, 2016, Multipoint Server 2011, 2012
Optional Package	vMatrix Classroom Control is a classroom management software for schools, colleges and educational institutes. It has powerful teaching functions, including Classroom Management, Student Register, Show Teacher Screen to the Designated Students in Real Time(Monitor mode) and Student Testing & Quiz, etc.

Host Configuration

NUMBER OF USERS	CPU	MEMORY	STORAGE
10 users	Intel i5-4690K or equivalent	16GB for task users 24GB for power users	SSD for system and program files + HDD for user data; Storage size to be determined by actual needs
20 users	Intel i7-4790 or equivalent	24GB for task users 32GB for power users	
30 users	Intel Xeon E3 Processor or equivalent	32GB for task workers 64GB for power users	

* A discrete CPU cooler is recommended. Graphic card is not utilized by zero clients. Local network for host, switch and cables is recommended to be 10/100/1000MB.

* The above is preliminary and represents a guideline only. Actual sizing requirements depend on particular workload. Always validate sizing using your own applications.

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