

Remote Workstation Requirements			PCoIP Workstation Solution	Citrix HDX 3D Solution	Notes
Requirement	Description				
Availability			Available now (shipping since 2007)	Available 1Q2010 (still in beta)	HDX 3D is still in beta and was promised many times (previously as Apollo/Pictor etc and as HDX 3D July09, Sept09, now 1Q2010 for the receiver. Unclear if this date will hold. PCoIP has been in production and shipping from multiple vendors for 2 years (since August 2007).
Operating System					
	Windows	XP 32bit	Yes	Yes	
	Windows	XP 64bit	Yes	No	Only PCoIP supports the full gamut of operating systems used by workstation users, including 64-bit Windows and Linux.
	Windows	Vista 32bit	Yes	No	
	Windows	Vista 64bit	Yes	No	
	Windows	Win7 32bit	Yes	No	
	Windows	Win7 64bit	Yes	No	
	Linux	32 bit	Yes	No	
	Linux	64 bit	Yes	No	
Applications and Graphics					
	Application independent	All applications and versions supported	Yes	No	Only PCoIP protocol ensures compatibility with current and future versions of all applications
	Graphics processor independent	No GPU driver or hardware dependencies	Yes	No	HDX 3D works only with a CUDA-enabled Nvidia GPU and drivers. This may result in driver dependencies.
Display					
	Display resolution	Max DVI Resolution	1920x1200	1600x1200	1920x1200 is the maximum DVI resolution
	Display resolution	30" Panel/Extended Resolution	2560x1600	1600x1200	Using Thruport Dual-link DVI adapter
	Display frame rate	Full DVI frame rate (60fps)	Yes	No	1920x1200 at 60fps
	# Displays	Multi-monitor capability	up to 4	1	
Desktop Client					
	Hardware zero client	Zero client (no CPU, no OS)	Yes	No	E.g. Dell FX100, Wyse P20, Devon IT TC10, Fujitsu, IBM, ClearCube, Amulet, M&A, Verari, BOXX, EVGA, ELSA, Leadtek
	Integrated display	Zero client integrated into display	Yes	No	E.g. Samsung 930ND, NC190, NC240
	Software client		Yes	Yes	
	Low power/low management client		Yes	No	HDX 3D requires client CPU to handle the decompression
Host Workstation					
	Dedicated host workstation	Blade, rack or tower workstation	Yes	Yes	Both solutions require a dedicated workstation on the host.
	Zero host CPU load		Yes	No	HDX 3D requires strong host CPU to handle additional compression load
	Zero host GPU load		Yes	No	HDX 3D requires CUDA-enabled Nvidia GPU
Workstation Platform Support					
	WAN optimized	Low bandwidth (1Mbps peak), high latency (up to 150ms) support	Yes	Yes	PCoIP WAN optimizations launched in May 2009 with numerous active evaluations and deployments (even trans-Atlantic).
	Build to lossless	Progressive build to lossless image display	Yes	No	
	ISV certification	Remote protocol certified on OEM hardware with workstation ISV software	Yes	No	PCoIP protocol certified with numerous ISVs including Dassault Systemes (CATIA, Solidworks), Autodesk (3DStudioMAX, Softimage), Siemens-UGS (NX, SolidEdge), Schlumberger (Petrel, GeoFrame), etc
	Full image quality support on LAN	Perception-free image quality at full frame rate	Yes	No	
	Dynamically adjustable image quality		Yes	No	