ALTO PCoIP® Host Cards

Solutions for High Performance PCoIP® Remote Workstations & 3D Graphical Workstations

Meet the needs of professionals who work with graphically demanding applications and expect the highest in performance. Teradici's® powerful Remote Workstation technology makes it possible for IT mangers to   provide access to Windows & Linux workstations anytime, anywhere.

The ALTO PCoIP® Remote Workstation cards plug into any PCIe compliant slot to turn that machine into a pixel centre. On the user end, a powerful, yet sleek ALTO zero client displays the broadcast pixels.

This enables a proven, high end 1:1 session using the PCoIP protocol for graphics & desktop performance. It's the only hardware remote solutions which allows high end 3D graphics applications without compromise.

SUPERIOR EXPERIENCE

Harness the power of high end towers, blade servers or rack workstations by converting them into a workstation that delivers high end images to any remote location.

Users can work with visuals rendering at 250 mega pixels per second at resolutions up to 2560 x 1600.

INCREASED SECURITY

Safeguard proprietary information. The PCoIP® workstation solution encrypts pixel transfers with advanced algorithms including AES-256 and NSA Suite B cryptography.

SETUP & MAINTENANCE

The PCoIP® Remote Workstation card is implemented in a PCIe form factor that turns a high end workstation into a pixel broadcasting server. Once connected to the graphics card it securely streams pixels, audio and USB over your network to the remote workstation.

ALTO2240

The ALTO2240 can support up to four displays at 1920 x 1200 or two displays at 2560 x 1600 when used with the ALTO2140.

ALTO2220

The ALTO2220 can support up to two displays at 1920 x 1200 or one display at 2560 x 1600 when used with the ALTO2321.

Part Codes				
Product	Function	Display	Network	Part Number
ALTO2220	Dual Screen Workstation Card	DP	Copper	ALTO2220-PC
ALTO2220	Dual Screen Workstation Card	DP	Fibre	ALTO2220-PF
ALTO2240	Quad Screen Workstation Card	DP	Copper	ALTO2240-PC
ALTO2240	Quad Screen Workstation Card	DP	Fibre	ALTO2240-PF

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Model	ALTO2240	ALTO2220
Max Number of Displays	4	2
Processor	Tera 2240	Tera 2220
Form Factor	ATX	Low Profile
Board Physical Dimensions	4.376 inches (height) X 6.6 inches (length), single slot	2.713 inches (height) X 6.6 inches (length), single slot
Bus Type	PCI Express x1 (compatible with any xPCIe slots: x1, x4, x8, x16)	PCI Express x1 (compatible with any xPCIe slots: x1, x4, x8, x16)
Imaging Performance	150 Mpps	130 Mpps
Maximum resolution	Two 2560x1600 or Four 1920x1200	One 2560x1600 or Two 1920x1200
Encryption	AES-128/AES-256 Suite B Ciphers (Workstation)	AES-128/AES-256 Suite B Ciphers (Workstation)
Recommended Zero Client	ALTO2140	ALTO2321 or ALTO2140
Max Application Frame Rate (with PCoIP Zero clients)	60 fps	60 fps
PCIe Video Ports (connect to Graphics outputs)	Four mini-DisplayPort	Two mini-DisplayPort
Connectors	Four mini-DisplayPort connectors	Two mini-DisplayPort connectors
Network	Ethernet connector or Fibre connector	Ethernet connector or Fibre connector
Thermal Cooling Solution	Passive heat sink	
System Requirements	PCI Express compliant motherboard with one x1/x4/x8/x16 slot (Full Height for ALTO2240 and full/half height for ALTO2220)	
	PC/workstation with 1 or 2 graphics cards	
	For 2560x1600 resolution, graphics card port must be DisplayPort (dual-link	
	10/100/1000 Mbps Ethernet LAN or 100/1000 Mbps Fibre switch/router	
Warranty	2 Years RTB	

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