



ALTO PCoIP[®] Zero Clients

Solutions for PCoIP[®] Desktop Virtualisation & High Performance PCoIP[®] Remote Workstations

PCoIP[®] ZERO CLIENTS

With embedded PCoIP[®] processors which eliminate endpoint hard drives, graphic processors, operating systems & software. zero clients provide ease of security & management.

POWER CONSUMPTION

Operating at between 6 & 12 watts, zero clients can significantly reduce running costs when compared to a traditional PC.

SETUP & MAINTENANCE

Zero clients are setup and ready for use in under 5 minutes with network access to VMware Horizon View, or a PCoIP[®] Remote Workstation Card.

PCoIP[®] zero clients do not require applications, patches, service updates or anti-virus software.

DESKTOP AS A SERVICE

ALTO zero clients will connect seamlessly to desktop as a service PCoIP[®] solutions from Deskstone by VMware & other cloud service providers utilising the PCoIP[®] protocol.



ALTO2140

The ALTO2140 uses the latest chipsets from Teradici[®] and supports any environment that utilises PCoIP[®] VMware Horizon View desktops or workstation host cards delivering a rich user experience.

With support for up to four high resolution displays of 1920 x 1200 or two 2560 x 1600 displays driven by either quad DVI-D or DisplayPort. ALTO zero client's also ensure data security and provide simplified IT management by eliminating the need for updating and managing operating systems.

The new Teradici[®] host processors are raising the bar on security and performance with advanced security features such as AES-256 and NSA Suite B security protocols.



ALTO2321

The ALTO2321 is a small form factor desktop device that uses the latest PCoIP chipset from Teradici[®] and supports any environment that utilises PCoIP[®] VMware Horizon View desktops or workstation host cards delivering a rich user experience. Supporting a single high resolution of 2560 x 1600 or two 1920 x 1200 displays, four USB ports, microphone, headphone & Ethernet connectors.

ALTO zero clients also ensure data security and provide simplified IT management by eliminating the need for updating and managing operating systems.

Part Codes					
Model	Function	Display	Network	Option	Part Number
ALTO2321	Dual Screen Zero Client	DVI	Copper		ALTO2321-IC
ALTO2321	Dual Screen Zero Client	DVI	Fibre		ALTO2321-IF
ALTO2140	Quad Screen Zero Client	DP	Copper		ALTO2140-PC
ALTO2140	Quad Screen Zero Client	DP	Fibre		ALTO2140-PF
ALTO2140	Quad Screen Zero Client	DVI	Copper		ALTO2140-IC
ALTO2140	Quad Screen Zero Client	DVI	Fibre		ALTO2140-IF
ALTO2140	Quad Screen Zero Client	DVI	Copper	Smart Card I/F	ALTO2140-ICS
ALTO2140	Quad Screen Zero Client	DVI	Fibre SC	Smart Card I/F	ALTO2140-IFS



Technical Specification

Model	ALTO2140	ALTO2321
Max Number of Displays	4	2
Imaging Performance	50 Mpps (VDI) 150 Mpps (Workstation)*	50 Mpps (VDI) 130 Mpps (Workstation)
Maximum Resolution	Two 2560x1600 or Four 1920x1200	One 2560x1600 or Two 1920x1200
Memory Type	512 MB DDR3	512 MB DDR3
Device Physical Dimensions	6.85 (height) x 5.20 (length) x 1.81 (thinness) inches without stand	5.91 (height) x 5.12 (length) x 1.77 (thinness) inches
Power Management	Full Wake-on-LAN and Wake-on-USB	Full Wake-on-LAN and Wake-on-USB
Power Consumption	12W	6W
Encryption	AES-128/AES-256 Suite B Ciphers (Workstation)	AES-128/AES-256 Suite B Ciphers (Workstation)
Display Connectors/Ports	Single link DVI-D connector or DisplayPort Second Single link DVI-D connector or DisplayPort Third Single-link DVI-D connector or DisplayPort Forth Single-link DVI-D connector or DisplayPort (or Two Dual-link DVI-D with adapters)	Single link DVI-D connector Second single link DVI-D connector (or One Dual-link DVI-D with adapter)
USB Front	Two front USB 2.0 connectors**	Two front USB 2.0 connectors**
USB Rear	Two rear USB 2.0 connectors (Smart card reader zero clients have one front USB connector) Optional	Two rear USB 2.0 connectors
Input/Output	Headphone jack Microphone jack Speaker Jack	Headphone jack Microphone jack Speaker jack
Network	RJ45 or Fibre Ethernet connector 12VDC Power jack	RJ45 or Fibre Ethernet connector 12VDC Power jack
VESA Mount	Optional	Optional
Smart Card reader	Optional	External USB
Warranty	2 Years RTB	

TDIST LIMITED

Unit 17
New Broompark Busines Park
Granton
Edinburgh
EH5 1RS
United Kingdom

Tel: +44 (0)131 538 9033

WWW.ALTOVDI.COM