DataSheet :
ZED PC - ZERO CLIENT

Chip PC
TECHNOLOGIES

The ZED PC from Chip PC is the perfect Zero Client desktop for a full VMware© desktop virtualization experience, including high performance PCoIP capabilities.

Outstanding powerful zero client: TERA2321-based processor supporting most demanding user requirements

● Teradici TERA2321 PCoIP

● Support DVI-I & DVI-D (Dual Screen)

● Supports four USB 2.0 ports

● Up to Quad Screen - optional

● Full PCoIP support, high multimedia capabilities

● Optional VESA Mounting

● Management

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Processor	Teradici TERA2321 PcoIP
Storage	256 MB Flash
Memory	Onboard 512MB RAM DDR3

Input / Output ports		
	Front Panel	1x Power button, power LED 2x USB 2.0 1 x microphone(3.5mm) ; 1 x headphone(3.5mm)
	Rear Panel	2 x USB 2.0 1 x DVI & 1 x DVI-D 1 x RJ 45 1 x DC_IN（12V）

Display Support	Resolution	Supports up to 2 displays; Single: 2560x1600@60Hz, Color Depth up to 24bpp using a custom DVI dual-link cable Dual: 1920x1200@60Hz, Color Depth up to 24bpp

Audio	Stereo Audio Output - 3,5 mm (1/8 inch) Audio-Out Jack; 16-bit Stereo, Microphone Input - 3,5 mm (1/8 inch),
Network	RJ-45 jack 10/100/1000 Base-T Ethernet
Environment	Temperature range: Operating - 0°C to 40°C (32°F to 104°F)Storage - 0°C to 60°C (32°F to 140°F) Humidity: Operating - 20 to 80% non condensing; Storage – 10 to 90% non condensing Altitude: 0 to 20,000 ft
Dimensions	Dimensions: : 160mm x 143mm x 25mm
Power	Device input: 100～240VAC@50/60HZ Device Output: 12VDC/3A external power adapter
Security	Built-in Kensington security slot
Warranty	Three-year hardware warranty Optional extended Warranty for years 4 & 5.

FRONT SIDE VIEW

1	Power LED
2	USB 2.0 ports * 2
3	Audio Out /Mic In

REAR SIDE VIEW

4	USB 2.0 ports * 2
5	Ethernet -RJ45 LAN port
6	DVI-I - DVI-D
7	DC Jack

Do it all with total security. The era of complex, non-secure PC solutions is almost over. In a traditional desktop environment, all computing resources and data are on the desktop, thus increasing the chance of corporate data leakage. Leadtek PCoIP-enabled virtual desktop solution, on the other hand, enables all computing resources and data to be transferred to a centralized server in a secure data center and lowers support overheads for the enterprise. This enhances enterprise data management and security while delivering an immaculate, uncompromised end user experience over standard IP networks. PCoIP zero client makes it possible to deliver workstation class performance for professional applications including 3D CAD/CAM, Digital Content Creation, video editing and advanced knowledge worker level business software.

Go Green with Power-over-Ethernet (PoE)

Offers industry-leading low power consumption design and engineering technology, and features Power-over-Ethernet (PoE) which allows a single cable to provide both Ethernet connection and electrical power to the device. The net result is a small, noiseless, low power and reliable client-side device that requires minimal IT administration and support.

True PC Experience over IP

PCoIP sessions are established from PCoIP hardware zero clients to workstations with PCoIP remote workstation host cards for full workstation-class performance, or to VMware Horizon View servers or Amazon WorkSpaces with the PCoIP protocol integrated to deliver enhanced security and performance. Leadtek PCoIP products are the only remoting solution that puts absolutely no load on the host CPU or graphics card, so CPU/GPU can devote all its energy for full-featured graphics. Maximum performance of 130 mega pixels per second (Mpps) capable of driving full screens of changing pixels or application refresh rates up to 60 frames per second (fps) ensures the best remote user experience.

VMware Ready

As a result of collaboration with VMware, VMware Horizon View incorporates PCoIP technology as the remote desktop protocol for virtual desktops, providing a significantly better user experience than is provided with other remoting protocols. Corporations deploying VMware Horizon View's latest versions can achieve all of the advantages of virtual desktop deployments with all of the advantages of the PCoIP protocol and with the manageability and performance advantages of PCoIP zero clients.

Virtually NO Desktop Management

Unlike traditional thin clients which are basically small PCs running a version of Windows or Linux, Leadtek PCoIP products are the only true zero clients that have no CPU, no operating system (no Windows or Linux), no device drivers, no hard drive, no fan, no noise, etc. This means it requires no OS patches, no driver updates or virus signature files. Once it's set up, users never have to touch it again.

High Security and Authentication

PCoIP solution allows ALL desktop computing hardware, including existing PCs, workstations, and servers, to be moved into a secure location. PCoIP transmits pixels – NOT data – so all data stays secure in your datacenter. PCoIP zero clients simply receive and decode encrypted image information, do not store any application data, and are immune to viral attack. It uses high standard AES 256 and NSA Suite B ciphers encryption. And extensive USB security and authentication features are provided.

Resolution up to 2560x1600

A more powerful image engine and zero client processor core to support up to dual displays at 1920x1200, or one 2560x1600 resolution and the highest pixel processing power.

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Model Name	ZED PC	ZED PC PoE	ZED PC Fiber	ZED PC QUAD DP x 4	ZED PC QUAD DVI x 4
Processor CPU	Teradici TERA2321 PcoIP	Teradici TERA2321 PcoIP	Teradici TERA2321 PcoIP	Teradici TERA2140 PcoIP	Teradici TERA2140 PcoIP
Storage	256 MB	256 MB	256 MB	256 MB	256 MB
Memory RAM	512MB	512MB	512MB	512MB	512MB
Video port	DVI & DVI-D	DVI & DVI-D	DVI & DVI-D	DP x 4	DVI x 4
USB Ports (type 2.0)	4	4	4	4	4
Network Gigabit RJ45	✔			✔	✔
No OS	✔	✔	✔	✔	✔
PoE		✔			
PCoIP	✔	✔	✔	✔	✔
Fiber			✔		
Part	CPN06245	CPN06705	CPN06266	CPN06287	CPN06481
Model	ZDT5J3	ZDT5J3	ZDT5J3	ZDT5J3	ZDT5J3
UPC	818391003711	818391003711	818391003766	818391004060	818391004114