

## Create a Win-Win-Win scenario with WinFast® VP200 PCoIP® Virtual Desktop System

secures corporate intellectual property

simplifies IT administration

provides unprecedented HD experience





Do it all with total security. The era of complex, non-secure PC solutions is almost over. WinFast VP200 PCoIP-enabled products make it possible to host PC or high performance workstations in your data center and deliver rich user experience over an IP network.

In a traditional desktop environment, all computing resources and data are on the desktop, thus increasing the chance of corporate data leakage. WinFast VP200 PCoIP technology, on the other hand, with full dual DVI monitor video, complete USB compatibility and full-duplex high-definition audio, now enables all computing resources and data to be transferred to a centralized host PC in a secure data center. This enhances enterprise data management and security while delivering an immaculate, uncompromised end user experience over standard IP networks.

By centralizing PC and workstations in the datacenter, the WinFast VP200 PCoIP system provides both increased security and lower support overheads for the enterprise. At the same time it gives end users complete remote display and I/O functionality for personal PC or workstations.

## Integration

True PC Experience over IP  
Completely OS-independent

PC-over-IP® (PCoIP) technology delivers data from a centralized host PC to a user's desktop over a standard IP network. By using specialized encoding algorithms, PCoIP technology provides a perception-free remote desktop that is completely independent of any operating system. Most users won't be able to tell that their PC isn't under their desk.

PCoIP uses low network bandwidth and dynamically adjusts to provide the best possible user experience under actual network conditions over either LAN or high-latency WAN.

## Security

High Security and Authentication

The WinFast VP200 allows ALL desktop computing hardware, including existing PC and workstations, to be moved into a secure location. PCoIP transmits pixels – NOT data – so all data stays secure in your datacenter. All network traffic is fully encrypted and USB devices can be locked down to secure sensitive information such as valuable research and development data or customer files – perfect for government, financial, DCC/CAD/CAM design, healthcare and entertainment.

## High-Definition

Dual 1920x1200 HD Monitor Support

Supports two 1920x1200 high-resolution, perception-free DVI video outputs allowing PC or workstation relocation to the datacenter or computer room without compromising productivity. Once again, WinFast VP200 technology provides the best user experience of any remote display technology.

### WinFast VP200 H add-in card

WinFast VP200 H can be added to any existing PC or workstation to enable PCoIP functionality. All you need is a free PCIe slot and a GPU with DVI output.

### WinFast VP200 P desktop portal

WinFast VP200 P is a book-size desktop client for any PCoIP host system.



### Extension

#### Four USB Peripheral Ports

Gives end users complete remote control and I/O functionality by supporting all USB 1.1 types – including keyboard, mouse, scanner, printer, web camera, tablet, etc.



### Audio

#### Full-duplex High-definition Audio

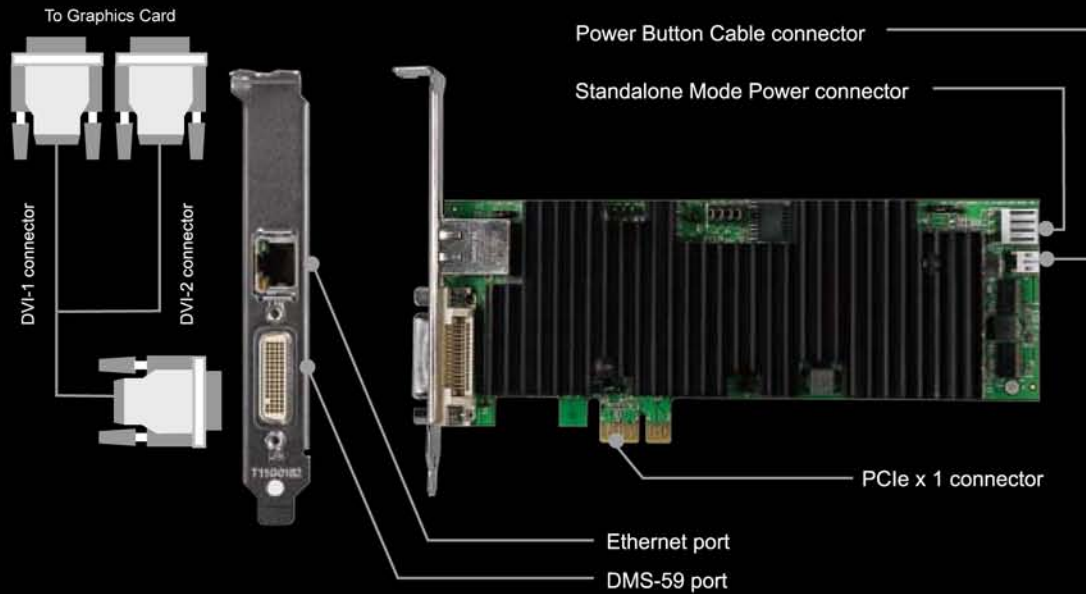
Supports high-definition audio, headphone, speaker and microphone.



### Green

#### Low Power Consumption and Noiseless Cooling.

Offers industry-leading low power consumption design and engineering technology. The net result is a quiet, low power and reliable system that requires minimal IT administration and support.



## WinFast VP200 H add-in card in data center

[http://www.leadtek.com/eng/virtual\\_DS/](http://www.leadtek.com/eng/virtual_DS/)

- Remote connection with desktop PCoIP portal device or integrated PCoIP display
- Supports 1GB of XDR memory and provides a 59-pin DMS-59 and an Ethernet connector
- All you need is a free PCIe slot and a graphics card with DVI output
- An ideal low profile solution for small form factor (SFF) add-in boards of standard or SFF PC or workstations
- High security and privacy by locating data in the datacenter
- Completely OS Independent
- All applications run as normal
- Manages complexity and reduces cost by facilitating centralized management





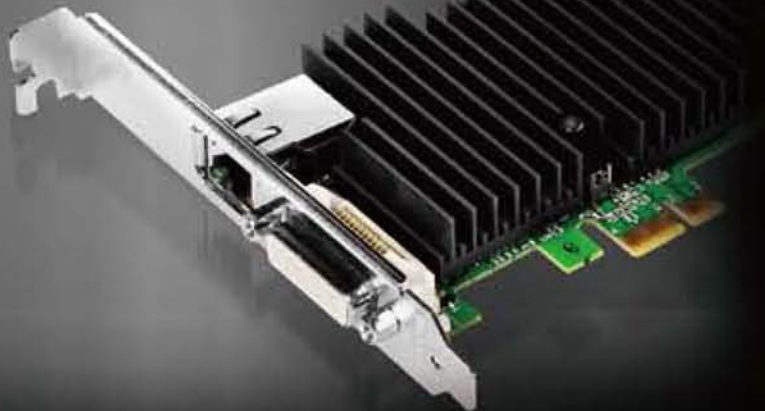
## WinFast VP200 P desktop portal

[http://www.leadtek.com/eng/virtual\\_DS/](http://www.leadtek.com/eng/virtual_DS/)

- A book-size desktop device for any system that has a PCoIP host card
- True PC experience
- Ships with 1GB of XDR memory and supports two 1920x1200 DVI, four USB, a Speaker, a Microphone, a Headphone and Ethernet connectors
- Input derives from the enterprise network via a standard Ethernet connector. Output is driven by the DVI ports for video and USB 1.1 ports for peripheral and I/O connections
- The net result is a low cost and reliable client-side module that requires minimal IT administration and support because all processing resides in the host PC or workstations
- Go green with noiseless cooling and low power consumption
- Completely driverless and stateless

## WinFast VP200 H add-in card in data center

Work small. WinFast VP200 is the simplest solution for optimizing your IT structure and securing intellectual property.



Model	WinFast VP200 H
Processor	PCoIP Host Processor
Memory Type	2pcs 512 MB 16-bit 3.2Gbit/s XDR SDRAM (1GB in total)
Bus Type	PCI Express x1 (compatible with any xPCIe slots: x1, x4, x8, x16)
Board Physical Dimensions	2.713 inches (height) X 6.6 inches (length), 0.535 inches single slot
Maximum board power	17 W (Typical 12W)
Device Bandwidth Limit	3 to 220 Mbps
Connectors	59-pin DMS-59 connector (supports dual DVI-D) Ethernet connector Power Button Cable connector (optional for Remote Power Management) Standalone Mode Power connector
Jumper	Standalone Mode Jumper Disable WOL Jumper Factory Default Reset Jumper Wake Configuration Jumper
Thermal cooling solution	Single slot passive heat sink
Operating System Support (Completely operating system independent )	Windows® 2000 / XP / Vista Linux Mac
System Requirements	PCI Express compliant motherboard with one x1/x4/x8/x16 slot A graphics card with one or two DVI connectors Ethernet LAN switch or router (10/100/1000 Mbps)
Package Content	WinFast VP200 H card Ethernet cable x 1 DMS-59 to dual DVI cable x 1 Power Bottom cable x 1 (optional for Remote Power Management) Additional Low Profile bracket x 1 Quick installation guide Documentation disc

## WinFast VP200 P desktop portal

Think big. With the elegantly designed WinFast VP200 solution, you can get a high definition perspective on the working process of your creative project.



Model	WinFast VP200 P
Processor	PCoIP Portal Processor
Memory type	2pcs 512 MB 16-bit 3.2Gbit/s XDR SDRAM (1GB in total)
Device Physical Dimensions	8.268 inches (height) x 5.327 inches (length) x 1.811 inches (thinness) without stand
Maximum device power	15.36 W
Device Bandwidth Limit	3 to 220 Mbps
Connectors	Single-link DVI-I connector Second Single-link DVI-I connector Two front USB connectors Two rear USB connectors Headphone jack Microphone jack Speaker jack Ethernet connector 12VDC Power jack
LED	PCoIP LED Portal Power Button LED
Button	Portal Power Button Remote PC Power Button
Thermal cooling solution	Passive heat sink
Operating System Support (Completely operating system independent)	Windows® 2000 / XP / Vista Linux Mac
System Requirements	A DVI or VGA compatible monitor Ethernet LAN switch or router (10/100/1000 Mbps) USB keyboard and mouse Optional: PC speakers and other USB peripherals
Package Content	WinFast VP200 P PCoIP Portal device Power adaptor and power cord Ethernet cable x 1 Quick installation guide Documentation disc VESA mount package (optional)

## Work small. Think big.

With a low profile VP200 Host add-in card and a book-size VP200 Portal device, there's no limit to what you can achieve.

**Leadtek Research Inc**  
**WE MAKE DREAMS A REALITY**

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