



PRODUCT OVERVIEW

Cirrascale® introduces Connexus™, a desktop consolidation solutions using the revolutionary PC-over-IP™ technology from Teradici™. Connexus provides a centrally supported and cost effective offering for today's data intensive environments, as well as embracing the emerging requirement for a more energy efficient data center.

Whether your IT group supports a large trading floor, a command and control center, a call center, or a large number of design engineers, removing the workstation or sometimes multiple workstations from the desk to the data center will provide your users with a clean and noise free environment. In addition, security of physical and data assets are increased, management of desktops are improved, and therefore becomes less complex, while moves, adds and changes become as simple as a mouse click.

Management of Connexus devices is simplified with Ericom's PowerTerm WebConnect DeskView. Ericom's connection broker enables administrators to centrally manage access to Connexus PC-over-IP enabled Blades. The solution expedites delivery of PC-over-IP desktops to users across the organization empowering a true multimedia experience with breakthrough remote graphics display and media.

The Connexus solution provides support for copper or fiber connectivity, dual hi-resolution monitors (1920 X 1200), optional mounting features and a robust connection broker that allows your IT department the ability to deploy, manage and maintain your entire infrastructure.

ROBUST PERFORMANCE - GREEN INITIATIVES

Since Connexus will become the direct replacement for a user's desktop, it's important

to provide not only a seamless and managed connection to the workstation, but a powerful connection as well. Connexus enabled blades concentrate the power requirements in the data center, utilize low voltage and high performance processors from Intel®, and allow users the ability to access their desktops from hundreds of miles away.

WS1160 SERIES BLADE SERVER - A GREAT SOLUTION FOR LOW- TO MID-RANGE USERS

Connexus leverages the Cirrascale WS1160 Series blade server for the BladeRack 2 X-Series. The WS1160 blade server is a versatile solution that supports the latest Quad-Core Intel® Xeon® 3300 Series processors. This makes creation of preproduction digital content, control center situation awareness and modular data processing more efficient. The scalable architecture is suitable for embedded or network distributed operations and is capable of handling millions of data, command, event and message transactions at the same time.

The WS1160 Series blade servers are optimized for space-constrained enterprise computing and data center installations. It's available with advanced features such as redundant power inputs, serial console interface and O/S provisioning.

WS2260XL BLADE SERVER - AN IDEAL SOLUTION FOR GRAPHICALLY INTENSIVE APPLICATIONS

The WS2260XL blade server for the BladeRack 2 X-Series platform is a high efficiency blade server that supports the latest Quad-Core Intel Xeon 5400 Series processors and a 1600MHz front side bus. The system can also support a variety of high-end PCI Express 2.0 Graphic Cards, DDR2-800 ECC FBDIMM modules and

FEATURES AT A GLANCE

- Rich Desktop Experience
- Copper or Fiber Connection
- Server/Workstation Consolidation
- Support for Dual High Resolution Monitors (1920 X 1200)
- Provides a Clean and Noise Free Environment for Creative and Design Departments by Relocating Workstations into a Centrally Located Data Center
- Security and Simplicity
- High Availability
- Manageability

IPMI 2.0 Management. With up to 36 WS2260XL blade servers equaling 288 processor cores per platform, making the WS2260XL one of the densest workstation/render solutions offered. Specially designed for the green data center, the WS2260XL is available with an 85%+ efficient power supply and IPMI 2.0 for system monitoring and management.

CUSTOM CONFIGURATIONS

Cirrascale supports multiple configurations and can tailor any system to your specific needs. If you have questions, please contact us today at (888) 942-3800 and ask to speak with a Cirrascale Account Manager.

ABOUT CIRRASCALE

Cirrascale, Inc. is the premier developer of scale-out blade-based computing and storage platforms for Cloud, Web 2.0, and the global enterprise. Cirrascale provides scale-out solutions for the world's largest data centers that reduce power and cooling demands while achieving the best density, availability, and energy efficiency for the highest total value of ownership. Organizations such as Virgin America, Morgan Stanley, Wachovia, Microsoft, Qualcomm, Johns Hopkins, EMC, CCGVeritas, Petrobras, Harris, Lockheed Martin, Northrop Grumman, and Sony Imageworks, as well as top universities and research institutions worldwide, are among the customers who have chosen Cirrascale' award-winning containerized data centers and high density blade-based platforms.

Power Consumption

- 12V DC, 15 Watts
- Current at 115V: 150mA (Nominal)
- 10W (0.8A) DC Nominal - Using a 36W AC/DC adapter
- External Power Adapter with Worldwide Autosensing
- 100-240VAC, 50/60 Hz Support

Connexus Enabled Blades

- WS1160 Series
- WS2260 Series

Connectivity

- Copper
- Fiber

Video Ports

- Two DVI-I Ports
- Video Control Display Data Control (DDC) for Automatic Setting of Resolution and Refresh Rate
- Video Resolution: Supports DVI Video Up to Dual 1920 x 1200

Ports

- Four USB 1.1 Connectors
- One Audio Mic-in Jack
- One Audio Headphone Out Jack
- One Audio Line-out Jack
- One RJ-45 Jack for 10/100/1000 Mbps Ethernet
- One SFP Connector for Fiber Model

Mounting

- Bracket: Supports 100mm Hole Pattern Allowing Appliance to be Mounted on Back of Flat Panel or Underneath Desk
- Cradle: Allows for Placement of Appliance on Desk

Dimensions

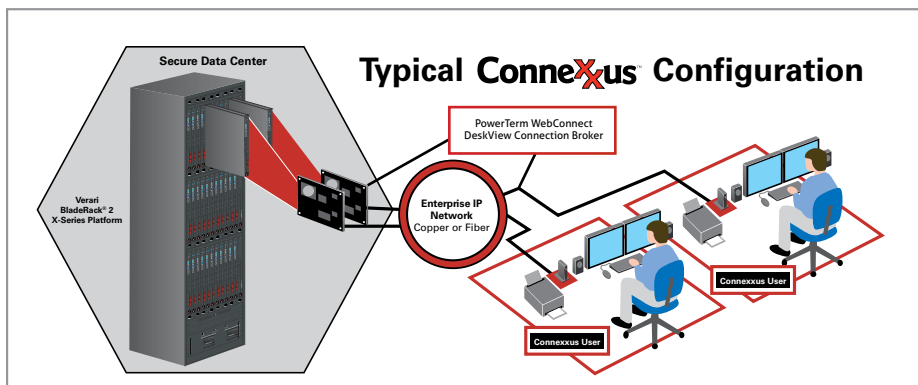
- Height: 7.5" (190.5mm)
- Width: 1.35" (34.29mm)
- Depth: 5.5" (139.7mm)
- Weight: Less than 3 lbs.

Environmental

- Operating Temperature
0° C to 35° C (32° F to 95° F)
- Non-operating Temperature
-40° C to 60° C (-40° F to 140° F)

Connexus™ Management Offering

Centralized Management	Manage and monitor PC-over-IP devices centrally to save time. Shut down and reboot appliances. Update firmware and banner images
PC-over-IP Support	Broker connections among PC-over-IP devices to achieve the best remote desktop experience
RDP Support	RDP connections are supported to PC-over-IP hosts in case PC-over-IP is not available from the client
Device/Desktop Pooling	PC-over-IP hosts can be organized into logical resource pools for dynamic deployment of desktops
VDI and Terminal Services Support	Provide access to applications and desktops hosted on Virtual Machines (VDI) and Windows Terminal Services
Free Seating	User will connect to assigned devices based on username, eliminating the requirement for static mappings
Fixed Seating	Connection is made to host from clients/portals that are assigned - by PC-over-IP portal, computername, or MAC address
Device Discovery	Utilizes DNS and SLP to discover available PC-over-IP devices on the network
Session Reconnect/Mobility	Users may reconnect to active sessions when they move from one client/portal to another, log off not required
Secured Access	Remote desktop session is secured by SSL
Device Failover	Specify an alternate host for connection in case the primary host is not available
Backup and Recovery	Easily backup pool and device assignment information. This configuration can be easily imported back into the connection broker for quick restores
Access from non-PC-over-IP clients	User may connect to PC-over-IP hosts using RDP from a web-based interface or application launcher



BladeRack 2 Series Platform with Connexus Diagram

Utilizing a centrally located BladeRack 2 Series platform configured with powerful workstation blades, information for all users is easily accessible with no apparent delays. Each user has controlled access via passwords. Maintenance and upgrades are quick, efficient and painless for IT personnel.

