

# CNX0102 Connexus™



REVOLUTIONARY COPPER OR FIBER DUAL HIGH RESOLUTION DISPLAYS OVER IP



## 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

## PRODUCT OVERVIEW

Verari Technologies® introduces Connexus™, a desktop consolidation solution 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 Verari 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 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

Verari Technologies 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 Verari Technologies Account Manager.

### ABOUT VERARI TECHNOLOGIES

Verari Technologies, Inc. is the premier developer of scale-out blade-based computing and storage platforms for Cloud, Web 2.0, and the global enterprise. Verari 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, CGGVeritas, 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 Verari Technologies' award-winning containerized data centers and high density blade-based platforms.



Through innovation, Verari Technologies has developed and implemented equipment and procedures that achieve more by using less. Verari has made environmental responsibility a manufacturing priority by increasing the overall energy effectiveness of all our product lines while keeping the vision of the green data center in mind. Verari Technologies, through voluntary action, is committed to the reduction of e-waste utilized in the production of computers and other technological devices.

Energy Efficient Products: Facilities Category Winner



**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**

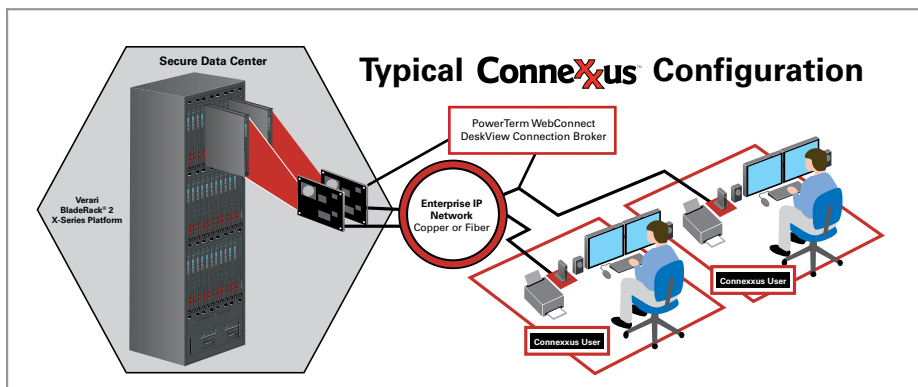
- Height: 7.5" (190.5mm)
- Width: 1.35" (34.29mm)
- Depth: 5.5" (139.7mm)
- Weight: Less than 3 lbs.

**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**

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



**BladeRack 2 X-Series Platform with Connexus Diagram**

Utilizing a centrally located BladeRack 2 X-Series 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.

