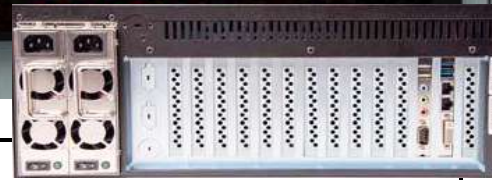




24x7x365
Application Use



Pyrotech's Graphic Controller are available in standard as well as fully customized specifications. These controllers are use for data processing & to manage the multiple data/Video/Grapics on the Large Video Wall's. It designed in such a way to cater the source data through LAN Network/Direct Input of VGA & DVI/Video sources etc. and transfer the seamless data to Videowall in fully movable & scalable formets with PIP mode.

It supports a wide variety of inputs including DVI/HDMI, analog (RGB), VGA digital (Full HD) and CCTV video signals. Pyrotech Graphic Controller can drive video walls of up to 20 high resolution displays using multiple graphic Cards which are specially dedigned for Videowall Applications.

KEY FEATURE

- >> Lockable front door with acrylic windows
- >> Front side power on/off switch
- >> Front side LED indicator for system states
- >> Redundent Power supply options
- >> Two ball-bearing cooling fans
- >> Shock-resistant cushion for the drive bracket
- >> Field replaceable power supply bracket
- >> Special Graphic cards with inbuilt RAM
- >> Easy installation and maintenance
- >> Windows® 7/8/10 - 32/64 bit
- >> Wide choice of supported inputs as well as outputs
- >> Highly consistent hardware design
- >> Supports asymmetrical display Configurations

BENEFITS

- >>> Power redundancy for seamless operation
- >>> Future expandability
- >>> Modularity in upgrading the system
- >>> Industry standard boards are used for best performance
- >>> Back plan board for higher end system
- >>> RAID options for Data redundancy
- >>> High Data transfer speed
- >>> Handy service & maintenance
- >>> 19" racable for mounting in any nearby panel
- >>> Multiple color options to comply control room asthetics



STANDARD SPECIFICATION

Chasis	19" 4U industrial PC chassis (Heavy Duty Steel)
Processors	Intel® Xeon/ Core™ i3/i5/i7 Processor Graphics(Options available)
System Memory (RAM)	4/8/16/32/64 GB - DDR3/4 (Options available)
Graphic Engine	Intel® Graphics Media Accelerator, VGA, DVI
Operating System	Windows 7/8/10 - 32/64 bit (Options available)
Hard Disk Drive	500 GB x 1, 7200 RPM with SATA
Removable Storage	1 x DVD-RW drive
On Board output	VGA/DVI/HDMI x 1
Networking	Gigabit Ethernet, RJ-45 x 2
Max Output Resolution	1920x1200
Power Supply	400 Watt
Power Consumption	227 Watt (typical)
Storage I/Os	RS-232/422/485 x 1 (COM1)(on back panel),Keyboard/ Mouse with USB connector x 1,USB2.0 x 4
Expantion Slot	PCI-E [x16] x 1, PCI [x4] x 1
Operating Temp	32°F ~ 122°F (0°C ~ 50°C)
Humidity	10 ~ 90% @ 40°C, non-condensing Operating Humidity
Key Board & Mouse	USB
USB extention	20 meter (for Keyboard & Mouse)
Front Panel	ON/Off Switch, LED indicator, Lock & Key doors. Dust filter
Software Key Feature (Optional)	<ul style="list-style-type: none"> >> Drag and drop, resizing, PIP, Scaling >> Multi - User remote clients with Offline/Online control >> Presets view and time based loop views >> User friendly dual control option >> Capture Settings (Edit) – Crop, Rotation, colour settings of capture input >> Collaboration –Video wall streaming to/from remote client >> Automatic detection of network sources and clients



Optional Availability*

Processors	i5/i7/Dual Xeon more then 3 Ghz clock speed & >800 FSB
System Memory (RAM)	Up to 32GB
Hard Disk Drive	Up to 4TB (with RAID) SATA-III (6GB/s)
Architechure	PCI Express backplane with expansion options
Powe supply	Redundant power supplies of 400W (110-240V AC @50Hz) Auto switch
GRAPHIC OUTPUT	4x DisplayPort 1920x1200 @ 60Hz max resolution each or 2x DisplayPort/DVI 1920 x 1200 @ 60Hz max resolution
Data Inputs	HDMI/VGA/DVI/DP etc.
Video Inputs	Analog CCTV/IP LAN 9-slot PCIe x4 connections

STANDARD MODEL AND CUSTOM ORDER PHENOMINA

PR-XXYYZZIP	Outputs (XX)	Inputs -DVI/VGA (YY)	Inputs -CCTV-BNC (ZZ)
PR-020000IP	2	0	4
PR-020004IP	2	0	4
PR-020416IP	2	4	16
PR-040000IP	4	0	0
PR-040404IP	4	4	4
PR-040416IP	4	4	16
PR-080000IP	8	0	0
PR-080404IP	8	4	4
PR-080816IP	8	8	16

**CUSTOM Up to 24 outputs -- depending on input configuration

**With Prime Custom Configurations, nearly any combination of inputs and outputs can be integrated in a system. Contact Pyrotech for a custom configuration quote.

* (For specific needs for high end applications)

