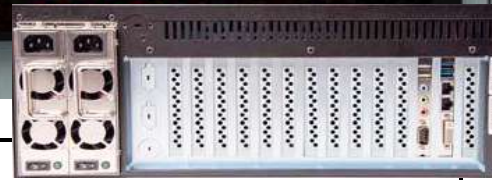




24x7x365  
Application Use



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 aesthetics



## STANDARD SPECIFICATION

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



## Optional Availability\*

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

