J-Series Video Wall Processor

Ideal for medium to large sized installations such as surveillance rooms, presentation auditoriums, sports & entertainment venues and digital signage.

- Fully customizable 6RU chassis
- Up to 4 video walls per chassis
- Up to 56x HD or 28 4K inputs
- Up to 20x HD or 4K outputs
- Redundant CPU and PSUs
- Hot swappable I/O boards
- HDCP-compatible
- Compatible with LCD, LED, cubes and projectors display technologies
- Flexible video wall layout in geometry & resolution
- No operating system means no viruses or updates
- Open API platform for 3rd party control systems
- Warp and blend outputs across multiple projectors

Architecture of a J-Series Installation

J-Series processors are an I/O appliance that can be used for any small or medium sized video wall application.

LightSpeed is the core technology that makes J-Series processors usable in any deployment.

Invest in Jupiter knowing all Jupiter processors are cross compatible and your investment is future protected.
## J600 Specifications

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Form Factor</td>
<td>6RU</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>550 W</td>
</tr>
<tr>
<td>Max Input Slots</td>
<td>14</td>
</tr>
<tr>
<td>Max Input Channels</td>
<td>56 (HD) or 28 (4K)</td>
</tr>
<tr>
<td>Max Output Slots</td>
<td>5</td>
</tr>
<tr>
<td>Max Output Channels</td>
<td>20 (HD or 4K)</td>
</tr>
<tr>
<td>Redundant PSU</td>
<td>Optional</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GENERAL TECHNOLOGY</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>None</td>
</tr>
<tr>
<td>Video walls per chassis</td>
<td>4</td>
</tr>
<tr>
<td>Custom Resolution</td>
<td>Output and Input</td>
</tr>
<tr>
<td>Color Space</td>
<td>RGB 4:4:4</td>
</tr>
<tr>
<td>Bits per color</td>
<td>8</td>
</tr>
<tr>
<td>Source Switching</td>
<td>≤ 20 ms</td>
</tr>
<tr>
<td>Creating Window</td>
<td>≤ 16 ms</td>
</tr>
<tr>
<td>Layouts</td>
<td>≤ 16 ms</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0°-50°C (32°-112°F)</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>&lt;90% (Non-condensing)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CPU BOARDS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Configuration</td>
<td>RJ45</td>
</tr>
<tr>
<td>API</td>
<td>TCP or RS232</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INPUT BOARDS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HDCP</td>
<td>1.4 &amp; 2.2</td>
</tr>
<tr>
<td>EDID</td>
<td>Custom EDID management</td>
</tr>
<tr>
<td>HD DVI Input Board</td>
<td>4x channels of SL DVI-I</td>
</tr>
<tr>
<td>3GSDI HDMI Input Board</td>
<td>4x channels of SDI</td>
</tr>
<tr>
<td>HD HDMI Input Board</td>
<td>4x channels of HDMI 1.3</td>
</tr>
<tr>
<td>UHD30 HDMI Input Board</td>
<td>2x channels of HDMI 1.4</td>
</tr>
<tr>
<td>UHD60 HDMI Input Board</td>
<td>1x channel of HDMI 2.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OUTPUT BOARDS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Technology</td>
<td>LCD, LED, Cube, Projectors, Custom Resolutions</td>
</tr>
<tr>
<td>HDCP</td>
<td>1.2 &amp; 2.2</td>
</tr>
<tr>
<td>HD DVI Output Board</td>
<td>4x channels of SL DVI-I</td>
</tr>
<tr>
<td>3GSDI HDMI Output Board</td>
<td>4x channels of SDI</td>
</tr>
<tr>
<td>HD HDMI Output Board</td>
<td>4x channels of HDMI 1.3</td>
</tr>
<tr>
<td>UHD30 HDMI Output Board</td>
<td>4x channels of HDMI 1.4</td>
</tr>
<tr>
<td>UHD60 HDMI Output Board</td>
<td>2x channels of HDMI 2.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WARP BLEND OUTPUT BOARDS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HD WB Input Board</td>
<td>4x channels of HDMI 1.3</td>
</tr>
<tr>
<td>4K WB Input Board</td>
<td>2x channels of HDMI 1.4</td>
</tr>
<tr>
<td>HD WB Output Board</td>
<td>4x channels of HDMI 1.3</td>
</tr>
<tr>
<td>4K WB Output Board</td>
<td>1x channel of HDMI 1.4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CERTIFICATIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory Certifications</td>
<td>UL, CE, FCC</td>
</tr>
</tbody>
</table>

© 2021 Jupiter. Jupiter is a registered trademark of Jupiter Systems, Inc. Product specifications and designs are subject to change without notice. All brand and product names and logos are registered trademarks of Jupiter Systems, Inc.