### Model Specifications

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<thead>
<tr>
<th>Model</th>
<th>Q16pro 2U (preliminary)</th>
<th>Q16pro 8U (preliminary)</th>
<th>Q16pro 14U (preliminary)</th>
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### Dimensions

- **2U**: 630mm x 585mm x 250mm
- **8U**: 665mm x 525mm x 495mm
- **14U**: 665mm x 525mm x 495mm

### Power

- **Input Voltage**: AC 100V-240V, 50/60Hz (2U supports single power supply module, 4U and above supports double power supply module.)
- **Supported Standards**: HDMI 2.0, H.265

### Storage Environment

- **Temperature**: 0°C~45°C
- **Humidity**: 10%~80%, RH (non-condensing)

### Order Codes

- **Q16pro 2U (preliminary)**: Q16pro 2U
- **Q16pro 8U (preliminary)**: Q16pro 8U
- **Q16pro 14U (preliminary)**: Q16pro 14U

### Connectors

- **Input Connectors**
  - 4x DVI-I
  - 8x HDMI-A
  - 2x RJ45 LAN

- **Output Connectors**
  - 8x BNC (4 In | 4 Loop)
  - 2x HDMI-A PVW

### Additional Information

- **Interface**: WEB: www.rgblink.com  EMAIL: sales@rgblink.com  PHONE: +86 592 5771197
- **Proudly designed and manufactured in Xiamen Hi Technology Zone, China**
- **Update**: Q16 pro Multi-Window splicing processor for LCD & LED Videowall
Q16pro is a high-performance video image processing system and high-performance video splicing server using pure hardware and leading-edge FPGA processing architecture. Offering a range of input and output signals via a card-based structure, and supporting hot swap of modules, and options including redundant power supplies, Q16pro is a stable high-performance platform that can be deployed in varied applications including corporate and visual messaging as well as retail and digital signage applications. The Q16pro models allow connection of 4K video sources as well as output to 4K, with outputs offering multi-screen and multi-layer capabilities. A host of features are built in to Q16pro, including EDID management, 3D image processing, and highly configurable OSD features at high-definition.

**Multi- Layer Multi-Window**
Q16pro offers up to 8 2K windows or four 4K windows per output slot. Layer resources able to be freely used across any of the outputs within a slot for maximum availability and efficiency, including combinations of both 2K and 4K layer windows. Q16pro layering allows multi-window applications for large scale and spanning multiple display outputs.

**Frame Sizes for Every Scale**
Q16pro models range from the compact 1U through to 14U with up to 80 inputs and 80 outputs with common modules across the range. Q16pro is truly scalable for the largest applications.

**Input and output preview**
Equipped with 2 high-definition multi-screen monitoring output interfaces, it can monitor 16 input or 16 output at the same time. Among them, 16 input source preview supports 4/9/16 screen division.

**Dual network communication**
Supports dual network communication: it has 1 local communication network port and 1 remote control port. In addition to remote control, the remote control port also has H.265 media remote control and monitoring functions.

**Take Control**
Configure and control Q16pro devices from the acclaimed RGBlink XPOSE apps for laptop/desktop and mobile devices.

**OSD Dynamic Titles**
Customised text in almost any format can be overlaid on output displays. The facility supports static and dynamic arrangements including scrolling messaging.

**3D stitching**
Scale and deliver 3D signals for 120Hz interpolated signals with internal frame-lock synchronization. Segmentation and fusion are completely seamless. Single key switching is available to transition between 2D and 3D on demand.

**High Performance Lossless 4K Processing**
Q16pro not only supports HDMI 2.0 and DisplayPort 1.2 4K@60 signals and is engineered end-to-end to maintain and enhance fidelity with full 4:4:4 maintained throughout. Utilizing advanced processing engine developed RGBlink.

**Modular Hybrid Modules**
The processor offers a range of input and output modules, with signals able to be mixed-and-matched to meet requirement without incurring overhead. Modules are easily user-fit lowering TCO and simplifying operations of Q16pro based installations.

**Configurable Audio Delivery**
Both embedded and external/insert audio sources may be embedded to any output as well as be switched as part of video presets.