

# RACKMOUNT LCD CONSOLES

## Frequently Asked Questions

QUESTION	ANSWER
<b>WHAT ARE THE RARITAN LED-BACKLIT LCD KVM CONSOLES?</b>	<ul style="list-style-type: none"><li>▪ Raritan's LED-backlit LCD KVM consoles are 1U, rackmount KVM drawers for multi-server access from a single rack location. They are designed with an energy efficient LED-backlit LCD display which reduces energy consumption 20-50% over LCD cold cathode fluorescent (CCFL) backlit technology.</li><li>▪ The maximum resolution of the 17 inch T1700G2-LED display is 1080P, 1920x1080@60Hz, and the aspect ratio is 16:9.</li><li>▪ The 19 inch T1900-LED supports up to a 1280x1024@75Hz video resolution with an aspect ratio of 4:3.</li><li>▪ Both models support DDC, DDC2, and DDC2B emulation.</li><li>▪ Raritan LED KVM consoles' built in USB 3.0 on T1700G2-LED , or 2.0 on T1900-LED, provide front-of-the-rack connections to keyboard and mouse or smart card readers, enabling management of Raritan KVM switches directly from the rack.</li><li>▪ Include multi-language support for English, French, German, Italian, Japanese, Russian, Spanish, and Turkish. Windows®, Linux® and other operating systems are supported.</li></ul>
<b>WHICH RARITAN LED KVM CONSOLE SHOULD I PURCHASE?</b>	<ul style="list-style-type: none"><li>▪ The T1700G2-LED and T1900-LED consoles have similar features and specifications. The primary difference is the size and shape of the display.</li><li>▪ If you work with 16:9, wide screen (1920x1080) resolution, choose the T1700G2-LED.</li><li>▪ If you want a larger screen and use a more square, 4:3 resolution (1280x1024), then choose the T1900-LED.</li></ul>
<b>WHAT IS THE SIZE OF THE RARITAN LED KVM CONSOLES?</b>	<ul style="list-style-type: none"><li>▪ Raritan's LED KVM rackmount consoles are only 1U in height and fit into a standard 19" rack.</li><li>▪ The dimensions of the T1700G2-LED are (L) 530 x (W) 432.4 x (H) 42.8mm; 20.87" x 18.99" x 1.69" and the T1900-LED are (L) 569 x (W) 434 x (H) 43.5mm; 17.1" x 22.4" x 1.71".</li></ul>

### WHAT TYPE OF DISPLAY IS USED WITH THE RARITAN KVM CONSOLES?

- A 17 inch Grade A TFT panel display with an energy efficient LED-backlight is used with the T1700G2-LED.
- A 19 inch Grade A TFT panel display with an energy efficient LED-backlight is used with the T1900-LED.
- The LED backlight reduces energy consumption up to 20-50% over current LCD cold cathode fluorescent (CCFL) back-lit technology. The LED-backlight technology provides for better contrast and brightness, greater color range, and more rapid response to changes in scene, and more accurate image rendering for a clean, crisp display.

### WHAT INTERFACES DO THE RARITAN LED KVM CONSOLES SUPPORT?

- Raritan's rackmount LED KVM consoles support digital (HDMI/DP/DVI-D) or analog (DVI-A/VGA) for video inputs, as well as USB and PS/2 keyboards and mice.
- When using the DVI cable to connect to the T1900-LED console, you will need to connect both the DVI cable to the video input port, and the three-in-one KVM cable for the keyboard and mouse input. When connects to T1700G2-LED, you can connect to DVI-D cable and USB Type B to A cable in the package or connect to HDMI and DP cables by your own purchase.
- The T1700G2-LED also has a built-in USB 3.0 pass-through port, or 2.0 on the T1900-LED, on the front of the console. This port supports any USB 2.0 compatible media, keyboard, mouse, or even a smart card reader. This port uses a separate USB cable.

### WHAT TYPES OF KVM SWITCHES DO THE RARITAN LED KVM CONSOLES SUPPORT?

- Raritan LED KVM consoles are compatible with the following Raritan KVM switches:
  - Dominion DKX3 series (except DKX4-101)
  - Dominon SX2 series
  - MasterConsole Digital Series
  - CommandCenter® Secure Gateway

### WHAT TYPES OF SERVERS DO THE RARITAN LED KVM CONSOLES SUPPORT?

- Microsoft Windows XP/10/11, Linux (Red Hat), Sco UNIX, and MacOS 9 and after.

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