

Raritan T1900-LED

Raritan T1900-LED 19-inch LED Drawer KVM Console User Manual

Model: T1900-LED

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Raritan T1900-LED 19-inch LED Drawer KVM Console. This device integrates a 19-inch LED-backlit display, keyboard, and touchpad into a compact 1U rack-mountable drawer, designed for efficient server management in data centers and server rooms. Please read this manual thoroughly before using the product to ensure proper setup and safe operation.

2. SAFETY INFORMATION

- Always connect the unit to a grounded power outlet.
- Do not expose the device to moisture or extreme temperatures.
- Ensure proper ventilation around the unit to prevent overheating.
- Only use the power adapter supplied with the unit.
- Do not attempt to open or service the unit yourself. Refer all servicing to qualified personnel.
- Keep the unit away from strong electromagnetic fields.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition. If any items are missing or damaged, contact your vendor immediately.

- Raritan T1900-LED KVM Console Drawer
- Rack Mount Kit
- Power Adapter
- KVM Cable (USB/DVI)

- User Manual (this document)

4. PRODUCT OVERVIEW

The Raritan T1900-LED KVM Console provides a streamlined solution for managing multiple servers from a single point. It features a high-resolution 19-inch LED display, a full-size keyboard, and an integrated touchpad, all housed within a space-saving 1U rack-mountable drawer.

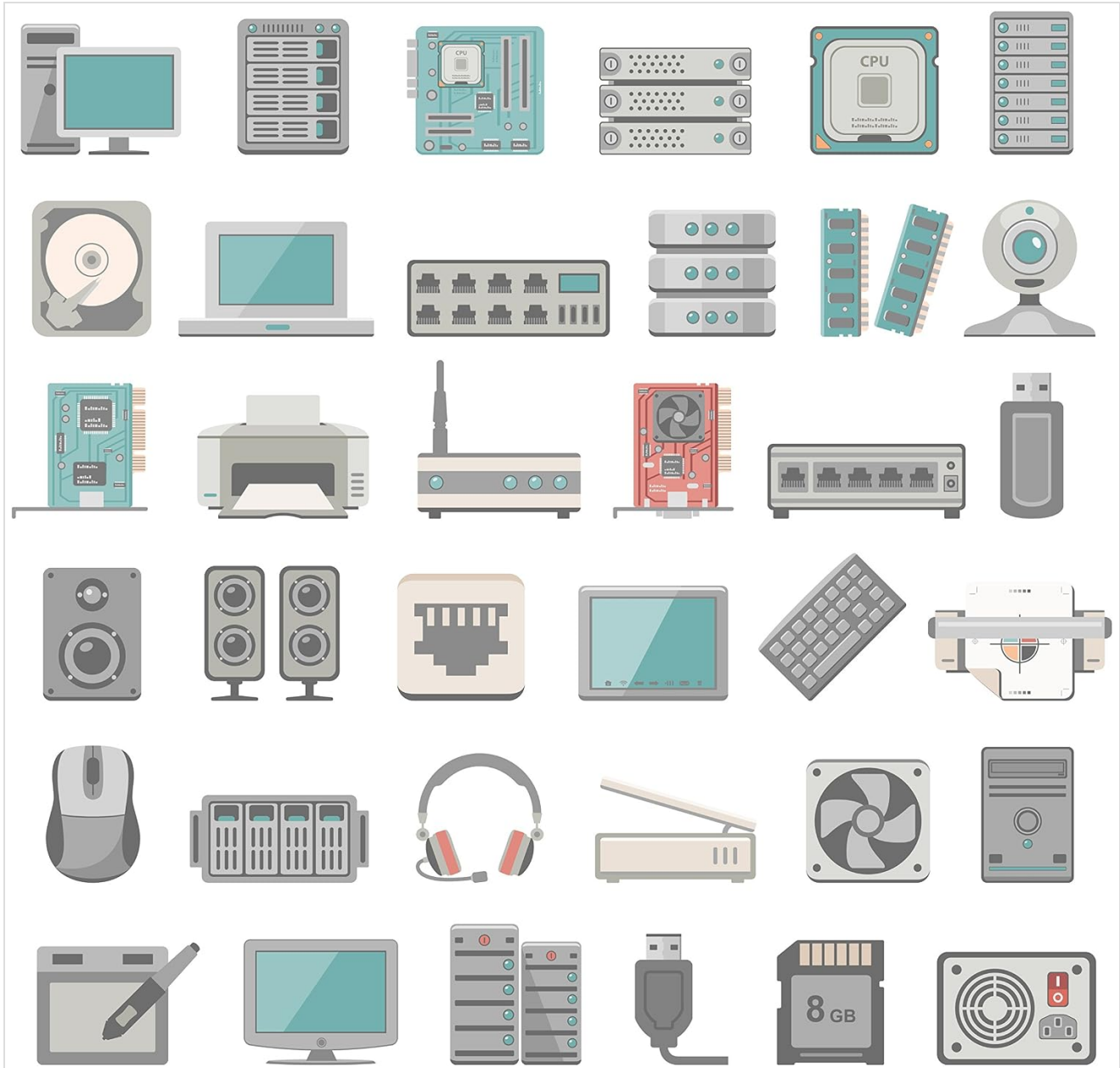


Figure 4.1: General illustration of various computer components. Please note that this image is a general representation and does not specifically depict the Raritan T1900-LED KVM Console.

Key features include USB 2.0 connectivity for keyboard and mouse, DVI video input for high-quality display, and a robust design suitable for continuous operation in demanding environments. The LED backlight ensures energy efficiency and a long lifespan for the display.

5. SETUP

5.1. Rack Mounting

The T1900-LED console is designed for installation in a standard 19-inch rack. Use the provided rack mount kit to secure

the drawer. Ensure that the rack has sufficient depth and that the mounting rails are properly aligned and secured before sliding the console into place.

1. Attach the mounting rails to the sides of the KVM console drawer.
2. Secure the rails to the front and rear posts of your server rack using the appropriate screws.
3. Slide the KVM console drawer into the rack until it locks into position.

5.2. Connecting Cables

Connect the necessary cables to the rear of the KVM console and to your server(s) or KVM switch.

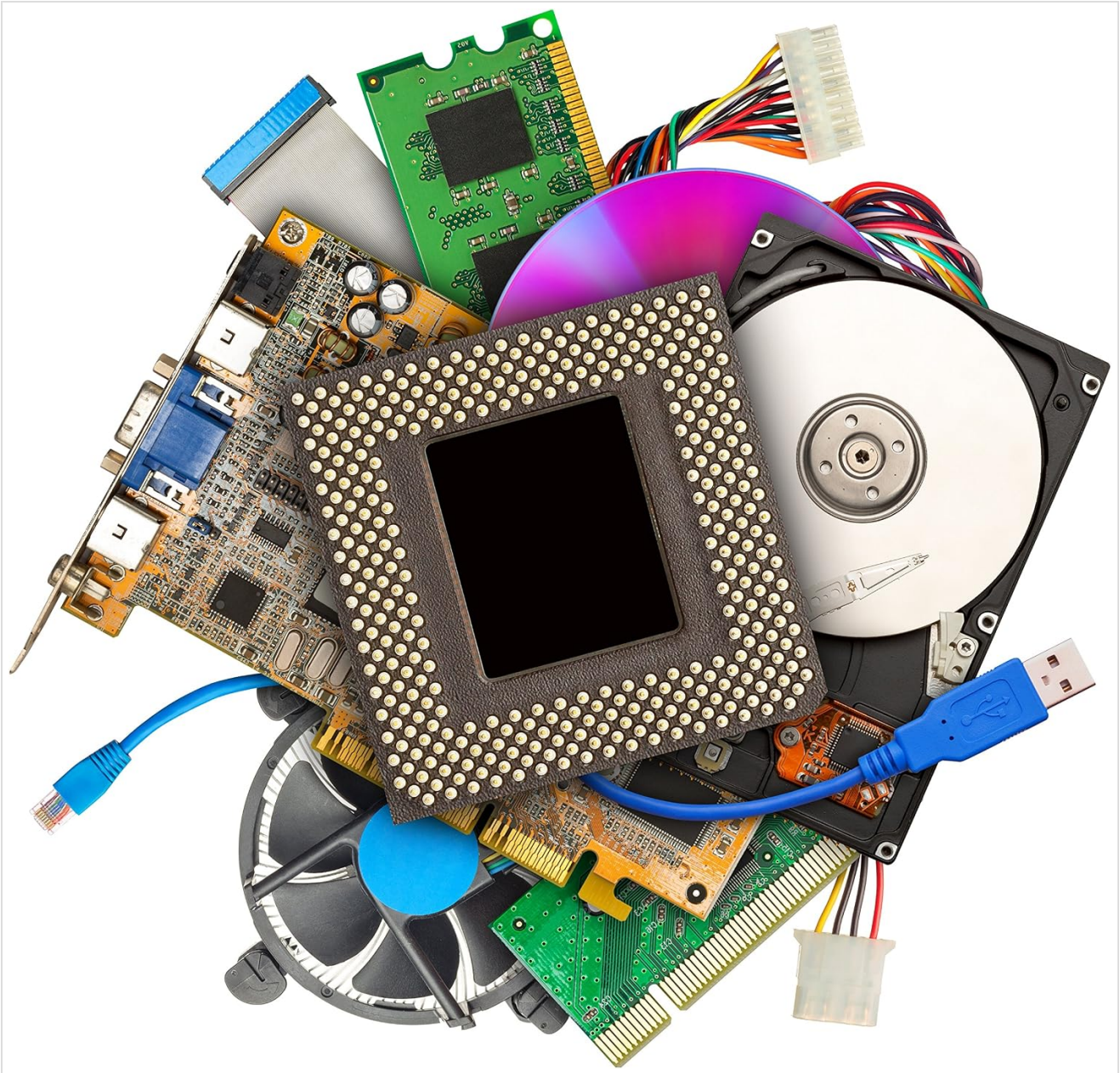


Figure 5.2: General illustration of various computer hardware components and cables. This image serves as a general reference for computer parts and does not specifically show the Raritan T1900-LED KVM Console's connection ports.

- **Video Connection:** Connect the DVI cable from the KVM console to the DVI port on your server or KVM switch.
- **USB Connection:** Connect the USB cable from the KVM console to an available USB port on your server or KVM switch. This provides keyboard and mouse functionality.
- **Power Connection:** Connect the power adapter to the power input on the KVM console, then plug the adapter into a grounded power outlet.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

Once all cables are connected, press the power button located on the front panel of the KVM console to turn the unit on. The LED display will illuminate, and the keyboard and touchpad will become active. To power off, press the power button again.

6.2. KVM Switching

If connected to a KVM switch, use the switch's hotkey combinations, OSD (On-Screen Display), or front panel buttons to switch between connected servers. Refer to your KVM switch's manual for specific switching instructions.

6.3. OSD (On-Screen Display) Menu

The KVM console features an OSD menu for adjusting display settings such as brightness, contrast, and color. Access the OSD menu using the dedicated buttons on the front panel of the console. Navigate through the menu using the arrow keys and confirm selections with the Enter button.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the console. For the display, use a screen-safe cleaner and a microfiber cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to maintain proper airflow.
- **Cable Management:** Periodically check all cable connections to ensure they are secure and free from damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected; power outlet faulty; power adapter failure.	Check power cable connections; try a different power outlet; replace power adapter if necessary.
No video display	DVI cable disconnected or faulty; incorrect input selected on KVM switch; server not powered on.	Check DVI cable connections; ensure correct input is selected on KVM switch; verify server power status.
Keyboard/Mouse not working	USB cable disconnected or faulty; KVM switch not configured correctly.	Check USB cable connections; ensure KVM switch is properly configured for USB keyboard/mouse.
Display flickering or distorted	Loose DVI cable; interference; incorrect display resolution.	Secure DVI cable; ensure proper grounding; adjust display resolution on the connected server.

9. SPECIFICATIONS

Feature	Detail
Product Model	T1900-LED
Display Size	19 inches
Display Type	LED Backlight LCD

Feature	Detail
Video Input	DVI
KVM Interface	USB 2.0
Product Dimensions	1 x 1 x 1 inches
Item Weight	0.01 ounces
Manufacturer	Raritan
Date First Available	October 31, 2016

10. WARRANTY INFORMATION

Raritan products are covered by a limited warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Raritan website. Keep your proof of purchase for warranty claims.

11. TECHNICAL SUPPORT

If you encounter any issues or have questions regarding your Raritan T1900-LED KVM Console, please contact Raritan Technical Support. Support contact information can typically be found on the Raritan website or in the documentation provided with your product.

- Before contacting support, please have your product model number (T1900-LED) and serial number ready.
- Review the troubleshooting section of this manual for common solutions.