

17.3" CAT5 KVM SWITCH WITH DUAL-RAIL LCD CONSOLE



BRAND: PRITECH
MODEL NO.: - PA-KVM-1708HCI

OVERVIEW: -

The 19-inch, 1U standard rack-mountable CAT5 digital Ethernet KVM all-in-one console integrates a 17.3-inch TFT LED display, ultra-slim silent keyboard, high-sensitivity touchpad, and KVM switch into a single compact unit. The LCD display and keyboard/mouse tray can be pulled out and operated independently, while the keyboard and touchpad can be smoothly slid back into the rack when not in use. This space-saving design helps optimize rack space while providing convenient and efficient server management. The console supports KVM signal extension of up to 150 meters, making it suitable for centralized management of servers in data centers, server rooms, and network environments.

FEATURES: -

- ✓ Dual-slide rail design with independent pull-out display and keyboard/mouse tray.
- ✓ 17.3-inch TFT LED-backlit display with Full HD 1920 × 1080 resolution at 60 Hz.
- ✓ Integrated 104-key ultra-slim silent keyboard and high-sensitivity touchpad with scroll wheel.
- ✓ Front USB ports for direct connection of wired or wireless keyboard and mouse.
- ✓ Supports 8/16/24/32 RJ45 KVM ports for centralized server management.
- ✓ CAT5e-based KVM signal extension up to 150 meters.
- ✓ Supports compressed VGA & USB signal transmission, with optional HDMI & USB modules.
- ✓ Multiple switching methods including OSD menu, front-panel buttons, and keyboard hotkeys.
- ✓ Multilingual OSD with port naming, password protection, and auto-scan functionality.
- ✓ Standard 19-inch 1U rack-mountable design suitable for data centers and server rooms.
- ✓ Self-locking slide rails compatible with cabinets from 800–1040 mm depth.

- ✓ Dual power input and wide-voltage auto-adaptation for reliable operation.
- ✓ Low-power design for efficient and stable long-term operation.
- ✓ Broad compatibility with mainstream servers and industrial PCs.
- ✓ Supports Windows, Linux, CentOS, Kylin, and other operating systems.
- ✓ IP-based remote KVM management through browser and SSH access.
- ✓ Supports remote configuration and centralized user permission management.
- ✓ Supports external authentication servers and multiple authentication mechanisms.
- ✓ Security logging for user activity, login/logout events, device switching, and network activity.
- ✓ Supports SYSLOG event forwarding and SNMP-based system logging.
- ✓ Supports advanced security features including password protection and 128-bit AES encryption.
- ✓ IP access control list filtering for enhanced network security.
- ✓ Supports centralized management through compatible management software.

TECHNICAL SPECIFICATIONS: -

PARAMETER	SPECIFICATION
Number of controlled devices	8 computers; Category 5 Ethernet cables (up to 150 meters)
Connection port	VGA to CAT5 module cable; HDMI to CAT5 module (optional)
Control Port Type	Local USB keyboard and mouse, VGA display; Remote IP control (optional)
Switching mode	KVM OSD menu, hotkeys, buttons
Hotkey support	Provides multiple hotkeys (Scroll-Lock / Caps-Lock / Num-Lock / KVM OSD)
Size	17.3" TFT LED display, 16:9 widescreen
Resolution ratio	1920 X 1080 @ 60Hz
Maximum Color	16.7M
Luminance	250–300 nits (customizable high brightness)
Contrast ratio	600:1
Display visible surface type/Pixel pitch	380 X 215 16:9 / 0.198 × 0.198 mm
Keyboard/Mouse	104-key ultra-thin silent keyboard with touchpad featuring scroll-wheel functionality
Source	Supports dual power sources: AC 100–240 V, 50/60 Hz or a power adapter: 12 V, 3.3 A; a built-in power supply is included by default upon shipment.
Total actual power consumption	Approx. 18 W
Material and Craftsmanship	Eco-friendly ROHS-compliant materials
Appearance Color	Black high-temperature spray painting spot application process (other colors can be customized)
Dimensions (L × W × H)	548mm X 465mm X 44mm

Product weight	Net weight: 13.50 kg; Gross weight: 18.60 kg
Install cabinet	800–1040 mm (Standard mounting lug length: 400 mm; 650 mm / 750 mm available upon request)
Working temperature	0°C~60°C
Storage temperature	-20°C~70°C
Humidity	0%~80% RH (no condensation)

APPLICATIONS: -

- Data Centers and Server Rooms
- Network Operations Centers (NOCs)
- IT Infrastructure Management
- Enterprise Server Administration
- Telecom and Communication Facilities
- Industrial Control Rooms
- Security and Surveillance Control Centers
- Government and Defense IT Infrastructure
- Cloud and Hosting Facilities
- Broadcast and Media Control Rooms
- Remote Server Management
- Industrial PC and System Monitoring
- Rack-Mounted Server Environments
- Centralized KVM Management Systems



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