NebulaView 17.3″ LCD KVM Over IP Switch, 16-Port, Dual Access (1 Local + 1 Remote)

Product Part Number

N932.KOIP1716

Product Description

The **NebulaView 17.3" LCD KVM Over IP Switch** is a compact, rack-mounted control unit that enables secure, BIOS-level access to up to **16 servers** from a single integrated console. Housed in a **1U EIA-compliant rackmount chassis**, it combines a high-resolution 17.3" FHD display, full-size keyboard, and precision touchpad—all designed for space-conscious server rooms and data centers.

With support for both **local and remote management**, the device provides IP-based access over LAN, WAN, or the Internet using the **TCP/IP protocol**, enabling administrators to manage connected devices from virtually anywhere. Its plug-and-play design allows simple installation with **no software required** and no compatibility issues—just connect via **RJ-45 and Cat 5e/6 cabling** (up to 100m distance).

Product Features

- 17.3" Full HD TFT LCD Monitor, resolution up to 1920×1080 @ 60Hz
- Slim 1U rack-mountable design, fits standard EIA 19" racks
- Full-size 99-key keyboard with numeric pad
- Integrated trackball mouse eliminates external accessories
- Dual power supply for redundancy and reliability
- RJ-45 interface with Cat5e/6 cabling up to 100m distance

Material Specifications

Computer Connections (Direct / Max)	16/ 16
Port Selection	Button, Hotkey, Web UI
Display Type	17.3" Full HD TFT LCD
Display Resolution	1920 × 1080 @ 60Hz
Color Depth	16.7 Million
Brightness	250 cd/m²
Contrast Ratio	800:1
Pixel Pitch	0.1989mm (H) × 0.1989mm (W)
Mouse	X/Y resolution > 1000 points/inch; Scroll Wheel supported
Keyboard	99 keys (82 standard + 17 number pad)
Remote Access Protocols	Web Browser, ActiveX Client
Remote Video Resolution	Up to 1920×1080 @ 60Hz
Security	DES / AES / 3DES encryption
Power Input	100 – 240V AC, 50–60Hz, <1.5A
Power Consumption	25W
Mounting Distance	510–850mm (L = 420mm); customizable brackets available
Net Weight	11.2 kg
Product Dimensions (W × D × H)	448mm × 525.6mm × 42.5mm

RoHS compliant

Environmental Specifications

Operating Temperature Range	0°C to 50°C
Storage Temperature Range	-20°C to 60°C
Humidity	0–80% RH (non-condensing)

Local Console Features

- Control up to **16 servers directly** from the built-in console

- **Dual access**: 1 local and 1 remote user simultaneously

- Port switching via **browser UI**, **hotkeys**, or **pushbuttons**

- Supports servers with **VGA, HDMI, DVI, and DisplayPort** outputs

- Cross-platform compatibility: **Windows, Linux, Unix, Mac, Solaris, Ubuntu, Red Hat**

- Local video resolution: **1920×1080 @ 60Hz**, crystal-clear display

- **Mouse synchronization** for seamless control

- **EDID emulation** to optimize video output from connected servers

- **Broadcast mode** allows simultaneous operations across multiple servers

- **Auto-scan mode** for active monitoring

- **Hot-pluggable**—add/remove systems without shutting down

RoHS Compliant

Remote Console Features

- Adaptive **10/100/1000 Mbps network interface**

- Remote access via **web browser or KVM client (ActiveX)**

- BIOS-level server access

- **Adjustable video quality** and frame rate (up to 60 FPS) for efficient bandwidth use

- **Full-screen and resizable display options**

- Local and remote users can **collaboratively control the same system**

- End-to-end encryption: **AES / DES / 3DES**

- **Audit log support** for enhanced administrative control

- Configurable **user and group-based access control**

- Supports **firmware upgrades** for future-proof deployment

Ordering Information

N932.KOIP1716	NebulaView 17.3" LCD KVM Over IP Switch, 16-Port, Dual Access (1 Local + 1 Remote)

Package Contents

- 1 × **NebulaView 17.3″ LCD KVM Over IP Console (16-Port)**
- 1 × **USB KVM Dongle** *(Optional)*
- 2 × **Mounting Rails**
- 1 × **Shielded Network Cable**
- 1 × **Power Cord**
- 1 × **Ground Wire**
- 1 × **Quick Start Guide**
- 1 × **User Manual**

RoHS compliant

Shipping Information

Item	Dimension	Nominal Net Weight
Product	Width : 448mm Depth : 525.6mm Height : 42.5mm	Weight : 13.4kg
Packaging	Width : 765mm Depth : 615mm Height : 185mm	

RoHS compliant