

Rack-mount LCD Displays & KVM



Consisting of a high-resolution 15" TFT panel, full 83 key keyboard and a glide point touchpad for cursor control, our elegantly designed rack-mount LCD drawers are available with or without an integrated 8 or 16 port KVM switch - all in the same 1U form factor.

The lap-top style design creates functional advantages for the user. Closing like a lap-top protects the TFT display from scratching and damage. Also, only minimal extension out of the rack is required to allow the screen to be raised for viewing providing quick, simple access while minimizing aisle blockage. This is in contrast to many cumbersome designs that store the screen face-up behind the keyboard providing no protection and requiring the drawer to be fully extended out of the rack past the screen before the awkward process of reaching and raising the screen can begin.

Space saving 1U designs create more space for hardware over traditional CRTs that can utilize up to 7U or more in a rack. More equipment in a smaller footprint ultimately saves valuable floor space in your computing environment. Whether you're interested in connecting to an existing KVM or utilizing our integrated solution, Electrorack has the solution.

■ ■ ■ Key Features

- Stylish, curved edges, protective laptop style design
- Compact, space saving 1U form factor
- 8 or 16 port KVM option for 1 or 2 users (still only 1U)
- High resolution (1024 x 768) 15" TFT display
- Windows NT, Windows 2000, Windows 98, Linux and Solaris compatible
- Ultra-thin cable (.21 dia.) for integrated KVM option
- On-screen display (OSD) KVM
- Sun specific options are available
- CE and UL approved
- One year warranty



The rack-mount LCD drawer shown open above to highlight the 15" TFT display, 83 key keyboard and glide point touchpad. The image to the right features the integrated 16 port KVM switch where each port only requires a single cable connection - all of this in a sleek 1U design!



This rack-mount LCD shown open highlights the elegant rounded edge laptop style design, the minimal distance required from the rack-space to open the unit and the overall high-tech aesthetic looks. No sharp steel edges on this unit!



Patent # 6,609,034



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Ordering Information

Rack-mount LCD - Stand-alone

Part Number	Form Factor	Maximum* Rail Spacing	Overall Height	Overall Width	Overall Depth	Shipping Weight	Compatibility Style
KMD-1U	1U	35.5"	1.75"	19"	17"	24 lbs.	4 Post 19" EIA
KMD-1U-SUN	1U	35.5"	1.75"	19"	17"	24 lbs.	4 Post 19" EIA

* KMD-X is a slide extension kit that allows KMD and KMD-S units to mount on rail spacings up to 38" deep [see accessories below]
 - KMD-1U-SUN is a Sun specific unit that is only compatible with Sun products. For all other servers, utilize the KMD-1U.



Rack-mount LCD shown above in protective closed position. At right, the unit is shown open revealing the keyboard, touchpad and screen.

Rack-mount LCD with Integrated KVM

Part Number	Form Factor	Users Local/Remote	KVM Ports	Maximum* Rail Spacing	Overall Height	Overall Width	Overall Depth	Shipping Weight	Compatibility Style
KMDS-8	1U	1 Local	8	35.5"	1.75"	19"	25"	40 lbs.	4 Post 19" EIA
KMDS-16	1U	1 Local	16	35.5"	1.75"	19"	25"	40 lbs.	4 Post 19" EIA
KMDS-8-2	1U	2 Local	8	35.5"	1.75"	19"	25"	40 lbs.	4 Post 19" EIA
KMDS-16-2	1U	2 Local	16	35.5"	1.75"	19"	25"	40 lbs.	4 Post 19" EIA
KMDS-16-2R	1U	2 [1 Loc/1Rem]	16	35.5"	1.75"	19"	25"	40 lbs.	4 Post 19" EIA

Configuration Notes:
 - Order cables separately (see below)
 - 1 cable per server required
 - Compatible with most other KVMs on market
 - KMDS-16-2R includes 1 remote console up to 500' away (cable supplied by customer)
 * KMD-X extensions (accessories table) allow 38" rail spacing



Rack-mount LCD with integrated KVM switch shown with included rack-mounting brackets and suspensions. The KVM sites directly behind the monitor so the entire unit only occupies 1U.

KVM Switches - Stand-alone

Part Number	Form Factor	Users Local/Remote	KVM Ports	Maximum Rail Spacing	Overall Height	Overall Width	Overall Depth	Shipping Weight	Compatibility Style
S-8	1U	1 Local	8	N/A	1.75"	19"	7.64"	10 lbs.	2 Post 19" EIA
S-16	1U	1 Local	16	N/A	1.75"	19"	7.64"	10 lbs.	2 Post 19" EIA
S-8-2	1U	2 Local	8	N/A	1.75"	19"	7.64"	10 lbs.	2 Post 19" EIA
S-16-2	1U	2 Local	16	N/A	1.75"	19"	7.64"	10 lbs.	2 Post 19" EIA
S-16-2R	1U	2 [1 Loc/1Rem]	16	N/A	1.75"	19"	7.64"	10 lbs.	2 Post 19" EIA

Configuration Notes:
 - Order cables separately (see below)
 - 1 cable per server required
 - Single HD15 connection on switch
 - On-screen Display - password security, set server names
 - Flash upgrades via web downloads
 - Includes all rack-mount brackets and mounting hardware



Stand-alone KVM switches are available in 8 or 16 ports for one or two users - all within 1U maximizing density. Single cable connections at the switch simplifies connections and allowing faster deployment of equipment.

KVM Cables, Adapters & Accessories

Part Number	Description	Length	Video Connection	Gender	Shipping Weight
S-TC-06	Ultrathin KVM Cable	6'	HD15	Male/Male	1 lbs.
S-TC-09	Ultrathin KVM Cable	9'	HD15	Male/Male	1 lbs.
S-TC-12	Ultrathin KVM Cable	12'	HD15	Male/Male	1.5 lbs.
S-TC-15	Ultrathin KVM Cable	15'	HD15	Male/Male	1.5 lbs.
S-TC-20	Ultrathin KVM Cable	20'	HD15	Male/Male	2 lbs.
S-KVMEXT-12	Console Extension Cable	12'	HD15	Male/Female	1 lbs.
S-EXT-500	500 ft Cat 5 KVM Extension Unit	N/A	HD15	Male	2 lbs.
S-PS2-USB	USB to PS/2 Adapter	N/A	N/A	N/A	1 lbs.
KMD-LOCK	Lock Mechanism for KMD/KMDS	N/A	N/A	N/A	1 lbs.
KMD-X	38" Slide Extensions for KMD/KMDS	N/A	N/A	N/A	1 lbs.

Configuration Notes:
 - Single sheath cable - .21" diameter
 - 1 cable per server required
 - 1 USB adapter required for each USB device (+standard cable)
 - S-EXT-500 allows a user to be up to 500ft. away from the switch. Cat 5 cable not included.
 - Flash upgrades via web downloads



Single sheath Ultra-thin cables are only 0.21" diameter, allowing keyboard video and mouse signals to travel in a cable about the size of a cat 5 cable. Simple connections and reduced cabling eases management, installation and improves airflow.

Specifications

Environmental

Temperature
 Operating: 32° to 104° F (0° to 40° C)
 Non-operating: -4° to 140° F (-20° to 60° C)

Humidity
 Non-condensing, operating: 10 to 90%
 Non-condensing, non-operating: 5 to 95%

Altitude
 Operating: 0 to 10,000 ft (0 to 3048 m)
 Non-operating: 0 to 30,000 ft (0 to 9144 m)

Audible Noise
 Less than 5 dba.

Shock
 Operating: 5 to 500 Hz, 0.5 g (0.1 oct./min)
 Non-operating:
 5 to 100 Hz, 1 g (0.1 octave/min)
 100 to 500 Hz, 1.5g (0.2 octave/min)
 500 to 1000 Hz, 1.5 g (0.2 octave/min)

Electrical

Grounding
 Chassis grounded

Voltage
 100 to 250V AC

Current
 .5 Amps at 250V AC up to .7 Amps at 100V AC [.8 Amps with KVM]

Line Frequency
 Single phase 50 or 60 Hz

Compatibility

XVGA 1024 x 768
 SVGA 800 x 600
 VGA 640 x 480
 PS/2 Keyboard
 PS/2 Mouse
 USB

