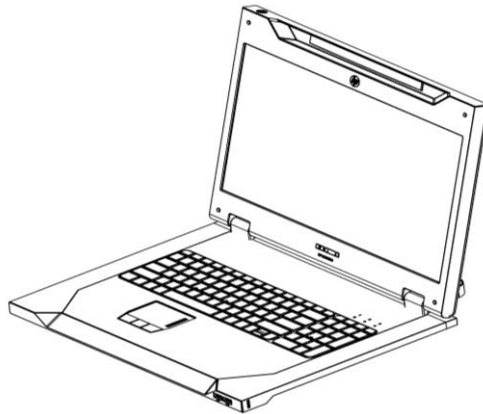# QuickSpecs

Overview

HP LCD8500 1U Rackmount Console Kit

The HP LCD8500 1U Rackmount Console Kit is an ultra-dense, high-performance KVM console that combines a full 18.5-inch LCD monitor with keyboard and touch pad in a 1U form factor. The 1U rackmount form factor is designed to allow a KVM console switch to be mounted directly behind it. The WXGA TFT LCD brightview display supports most common video resolutions, from 800 x 600 through 1600 x 1200 at 60 to 75 Hz refresh rates.

The LCD8500 1U Rackmount Console Kit features a new silver enclosure making identification in the rack much easier. The rackmount keyboard includes a three-button touch pad with four (4) scroll keys and Windows shortcut keys. The LCD8500 1U Rackmount Console Kit also includes a new Lid Switch display management feature that shuts off the display backlight when the console is closed and repowers to its current state when opened again, helping to prolong the life of the display panel.

Why do you need a KVM Console for your rack?

- Local access to each server from the data center floor when using a KVM Console Switch.
- More convenience and faster access than typical "crash cart" server access solutions.

Why HP?

- HP Care Pack services purchased for servers and storage extend to our rack and power infrastructure products such as racks, power distribution units, uninterruptible power systems, and KVM console switches.

  What is the HP advantage for you? You don't have to spend additional budget to cover extended warranties and services for your rack and power infrastructure as you would with non-HP products.

- HP rack and power infrastructure products are designed and developed to be used specifically with HP servers and storage.

  What is the HP advantage for you? You can use HP rack and power products with non-HP IT equipment; however, when used with HP servers, you are able to take advantage of various server and IP-based tools used for maintaining and managing all the equipment in the rack.

- While you have many choices for rack and power infrastructure products, HP offers and extensive range of rack, power, and KVM products to meet all your needs.

  What is the HP advantage for you? HP can help to simplify IT purchasing, installation, usage, and maintenance for your organization by providing a single point of contact for all your needs.

QuickSpecs

Overview

HP LCD8500 1U Rackmount Console Kit Models

HP LCD8500 1U US Rackmount Console Kit	AF630A
HP LCD8500 1U UK Rackmount Console Kit	AF631A
HP LCD8500 1U DE Rackmount Console Kit	AF632A
HP LCD8500 1U FR Rackmount Console Kit	AF633A
HP LCD8500 1U JP Rackmount Console Kit	AF642A
HP LCD8500 1U RU Rackmount Console Kit	AF643A
HP LCD8500 1U INTL Rackmount Console Kit	AF644A
HP LCD8500 1U US TAA Rackmount Console Kit	AF645A

HP TFT7600 G2 KVM Console and Monitor Models

HP TFT7600 G2 KVM Console Rackmount Keyboard US Monitor	AZ870A
HP TFT7600 G2 KVM Console Rackmount Keyboard UK Monitor	AZ871A
HP TFT7600 G2 KVM Console Rackmount Keyboard DE Monitor	AZ872A
HP TFT7600 G2 KVM Console Rackmount Keyboard FR Monitor	AZ873A
HP TFT7600 G2 KVM Console Rackmount Keyboard IT Monitor	AZ874A
HP TFT7600 G2 KVM Console Rackmount Keyboard ES Monitor	AZ875A
HP TFT7600 G2 KVM Console Rackmount Keyboard DK Monitor	AZ876A
HP TFT7600 G2 KVM Console Rackmount Keyboard NO Monitor	AZ877A
HP TFT7600 G2 KVM Console Rackmount Keyboard SE/FI Monitor	AZ878A
HP TFT7600 G2 KVM Console Rackmount Keyboard CH Monitor	AZ879A
HP TFT7600 G2 KVM Console Rackmount Keyboard PT Monitor	AZ880A
HP TFT7600 G2 KVM Console Rackmount Keyboard BE Monitor	AZ881A
HP TFT7600 G2 KVM Console Rackmount Keyboard JP Monitor	AZ882A
HP TFT7600 G2 KVM Console Rackmount Keyboard RU Monitor	AZ883A
HP TFT7600 G2 KVM Console Rackmount Keyboard Intl Monitor	AZ884A
HP TFT7600 G2 KVM Console Rackmount Keyboard US TAA Monitor	AZ885A

QuickSpecs

Standard Features

HP LCD8500 1U Rackmount Console Kit Standard Features

High Density KVM Solution	The LCD8500 1U Rackmount Console Kit combines a full 18.5 inch WXGA+ monitor and keyboard with touch pad in a 1U format with enough room to mount an HP KVM switch behind it. Tool less rails ease installation.

Performance

High-resolution	1600 x 1200 WXGA TFT LCD brightview display supports most commonly used resolutions.
Built-in interface electronics	Offers support of common video resolutions from 800 x 600 through 1600 x 1200 at 60 to 75 Hz refresh rates.
Color Active matrix TFT screen	Guarantees a flicker-free picture that is sharper in focus than a CRT monitor.
USB connectivity	Allows a variety of connection options.
Front USB ports	Provides two USB front side pass-through ports for use with KVM Console Switches that support virtual media.

Ergonomic Design

Wide format	Display is easier to see and reduces eye fatigue.
New silver color	New color and front LEDs ease unit identification when closed in high density racks.
2-Button On-Screen Display (OSD)	Conveniently located on the front/bottom of the display assembly, making screen adjustments easy.
Adjustments	A wide array of adjustments can be made, including brightness, contrast, image adjust, OSD settings and factory presets.
Lid Switch	Will engage when display assembly is closed to shut off the power to the panel backlight. When opened, display assembly will re-power to current state. This feature is designed to prolong the life of the display panel.
Multilingual On-Screen Display (OSD)	Can support 7 languages (English, French, German, Italian, Japanese, Simple Chinese, and Spanish).
3-Button Touchpad with scrolling	Located below the space bar for a centrally located input device.
Four scroll keys (inverted T)	Located between the keyboard and numeric keypad for easy access.

Warranty	Three-year Limited Warranty for parts only. **NOTE:** Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.

Service and Support

Service and Support

NOTE: HP KVM Server Console and Monitor is supported as a part of the HP Server Infrastructure. No separate HP Care Packs need to be purchased.

HP Technology Services for Industry Standard Servers
HP Technology Services delivers confidence, reduces risk and helps customers realize agility and stability. Connect to HP to help prevent problems and solve issues faster. Our support technology lets you to tap into the knowledge of millions of devices and thousands of experts to stay informed and in control, anywhere, any time.

Protect your business beyond warranty with HP Care Pack Services
HP Care Pack Services enable you to order the right service level, length of coverage and response time as you purchase your new server, giving you full entitlement for the term you select.

HP Care Pack Services include HP branded hardware options qualified for the server, purchased at the same time or afterwards, internal to the enclosure, as well as 22" and smaller external monitors and tower UPS options up to 3KVA. 22" and smaller external monitors will be covered at the same service level and coverage period as the server. For servers or storage systems installed within a rack, service also covers all HP qualified rack options installed within the same rack.

NOTE: For more complete information on HP Services offerings, customers and resellers, please visit is at: http://www.hp.com/hps
NOTE: Additional information regarding worldwide limited warranty and technical support is available at: http://h18004.www1.hp.com/products/servers/platforms/warranty/index.html
NOTE: For additional information on Server Services, Rack and Power Options, please visit: http://h20219.www2.hp.com/services/cache/111072-0-0-225-121.html
NOTE: The information contained herein is subject to change without notice and is provided "as is" without warranty of any kind.
NOTE: The warranties for HP products and services are set forth in the express limited warranty statements accompanying such products and services.
NOTE: Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Related Options

HP LCD8500 1U Rackmount Console Kit Options

Display Port Cable	HP Kit LCD 1.83m Latch Display Port Cable	G7T29A
Location Discovery Services Kit	HP Location Discovery Services LCD8500 Kit	TL052A
HP Care Pack Services	HP Install Rack and Rack Options Service	U2871E

Technical Specifications

HP LCD8500 1U Rackmount Console Kit

Physical Dimensions	H x W x D	1.66 x 17.17 x 17.05 in (4.23 x 43.61 x 43.3) cm
	Weight	11.43 lb (5.2 kg)
Shipping Dimensions	Package (L x W x D)	22.9 x 7.9 x 24.5 in (58.1 x 20 x 61.3 cm)
	Weight	25.3 lb (11.45 kg)
Display	Type	Flat-panel, active matrix-TFT LCD
	Display	18.5 in (46.99 cm), 16 x 9 aspect ratio
	Viewable (diagonal)	18.51 in digital display (47.02 cm) 16 x 9 aspect ratio
	Maximum Input Graphics Resolution	1600 x 1200 @ 60 Hz Refresh Rate * Note input devices may limit maximum configurable resolution
	Response time	<16ms
	Brightness	>187 (cd/m^2)
	Contrast ratio	> 700:1
Keys		101, 102, or 106 layout (depending on country) including inverted T scroll keys, Windows keys
Environmental Temperature	Operating	0º to 50º C (32º to 122º F)
	Non-operating	-30º to 60º C (-22º to 140º F)
	Storage Temperature	-20° to 60℃ (-4° to 140°F)
Humidity (non-condensing)	Operating	10% to 90%
	Non-operating	10% to 90%
	Power Source	90 to 264 VAC, 47 to 63 Hz
	Maximum Power Consumption	<36W
Altitude	Operating	0 to 10,000 ft (0 to 3048 m)
	Non-operating	0 to 30,000 ft (0 to 9144 m)
Supported Graphics Mode (Output)		640 x 480 VGA through 1600 x 1200 WXGA+ 60, and 75 Hz refresh rates
Keyboard/Mouse Output		USB connectors
OSD Language Selection		English, Spanish, French, German, Italian, Japanese, Simplified Chinese

Environment-friendly Products and Approach	**End-of-life Management and Recycling**	Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to: http://www.hp.com/go/green. To recycle your product, please go to: http://www.hp.com/go/green or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner. The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/green. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

Summary of Changes

Date	Version History	Action	Description of Change:
09-Feb-2015	From Version 2 to 3	Changed	Title was changed from HP TFT7600 G2 KVM Console and Monitor (TFT7600 G2) to HP KVM Console Kit. Changed Product Highlights section name to Standard Features. Overview, Standard Features, Service and Support, Related Options, and Technical Specifications sections were revised.
01-Jun-2012	From Version 1 to 2	Changed	Changes were made in the Product Highlights and Technical Specifications sections.