

ThinkSystem 18.5-inch LCD Console

Product Guide

The ThinkSystem 18.5" LCD Console is a flat-panel console that offer a convenient way to manage space-constrained rack environments from a single console. This densely packed 1U solution let you easily set up and control rack-mounted servers. It offers additional space savings by allowing the mounting of a KVM switch in the space behind the console. The console includes an 18.5-inch LCD display and US English keyboard, and is based on the Vertiv CLRA Local Rack Access Console, model CLRA19KMM.

The ThinkSystem 18.5" LCD Console is shown in the following figure.



Figure 1. ThinkSystem 18.5" LCD Console

Did you know?

The ThinkSystem 18.5" LCD Console, when used with a Lenovo KVM console switch provides a convenient way to locally access all systems installed in a rack. Consuming only 1U of rack space, it uses the least amount of space possible and ensures that your rack aisles remain free of equipment and cables.

Part number information

The following table lists ordering part number and feature code for the console.

Table 1. Ordering information

Part number	Feature code	Description
4XF7A84188	BTY0	ThinkSystem 18.5" LCD console

The part number for the console includes the following items:

- One console unit with a 18.5-inch LCD display, cable management arm, and integrated USB keyboard
- Rail slides and mounting hardware
- 1.8m 10A/250V C13-C14 power cable

The following figure shows the rear of the console.



Figure 2. Rear of the ThinkSystem 18.5" LCD Console

Features

The features of the ThinkSystem 18.5" LCD Console include:

- Integrated 18.5-inch high-resolution display supports selectable display methods and resolutions
- The flat-panel display extends well above the keyboard and offers an easy viewing angle
- Installs in a rack and consumes only 1U of rack space
- Supports the mounting of a KVM switch behind the console to save space
- Tool-less installation for ease of use and installation in minutes
- Includes slides and integrated cable-management arm so the unit can close and slide back into the rack
- Provides easy local access and control of a server

- Compatible with Console Managers for control and access of multiple servers
- Testing to ensure easy integration into Lenovo rack solutions
- A complete, ready-to-install package
- Able to be shipped installed in the rack
- Includes a cable-management arm (CMA)
- Includes a USB-attached 100-key US English keyboard with touchpad pointing device and number keypad
- Includes two passthrough USB 2.0 ports accessible from the front, for the use of optical media, secure access keys, or other USB devices

Technical specifications

The following table lists the specifications of the ThinkSystem 18.5" LCD Console.

Table 2. Specifications

Feature	Value
Display	
Display type	18.5" LCD display, 16:9 aspect ratio
Display resolution	1920 x 1080, 60Hz maximum resolution 1366 x 768, 60Hz standard resolution 800 x 600, 60Hz minimum resolution
Scaling choices	Full Screen, Aspect, 1:1
Connector	VGA
Display active area	410 mm x 230 mm
Diagonal viewable image	18.5 inches
Pixel pitch	300 x 300
Viewing angle	160° Horizontal (typical) 150° Vertical (typical)
Luminance	250 cd/m2
Keyboard and mouse	
Keyboard	Full size 100 keyboard with number keypad
Pointing device	Integrated touchpad
Connector	USB
USB ports	
Ports	2x USB 2.0 ports, passthrough
Power source	
Power	22W maximum, 17W nominal, <1W standby
Power supply input	110-240 Vac auto-ranging
Power connector	IEC C14

Supported servers

The ThinkSystem 18.5" LCD Console can be used with a server or KVM console switch with VGA and USB local console ports.

Warranty

The ThinkSystem 18.5" LCD Console has a 3 year warranty. When ordered as a feature code as part of a supported Lenovo rack cabinet, the console assumes the rack cabinet's base warranty and any warranty upgrades.

Physical specifications

The ThinkSystem 18.5" LCD Console has the following physical specifications.

- Height (rack units): 1U
- Dimensions (console only): 481mm x 526mm x 43mm
- Weight (console only): 8.3kg
- Supported rack post distances (measured outside-to-outside):
 - Console only: 620mm - 920mm
 - Including space for KVM switch: 730mm - 920mm

Operating environment

The ThinkSystem 18.5" LCD Console is supported in the following environment:

- Temperature
 - 0°C - 50°C, operation
 - -20°C - 60°C, storage
- Humidity
 - 10% - 80%, operation
 - 5% - 95%, storage
- Altitude
 - 0m to 3000m, operation
 - -15m to 10,000m, storage

Agency approvals

The ThinkSystem 18.5" LCD Console conforms to the following regulations:

- UL
- CE
- CCC
- PSE
- RCM

Rack cabinets

The following table lists the supported rack cabinets.

Table 3. Rack cabinets (D)

Model	Description
7D6DA007WW	ThinkSystem 42U Onyx Primary Heavy Duty Rack Cabinet (1200mm)
7D6DA008WW	ThinkSystem 42U Pearl Primary Heavy Duty Rack Cabinet (1200mm)
7D6EA009WW	ThinkSystem 48U Onyx Primary Heavy Duty Rack Cabinet (1200mm)
7D6EA00AWW	ThinkSystem 48U Pearl Primary Heavy Duty Rack Cabinet (1200mm)
93604PX	42U 1200mm Deep Dynamic Rack
93614PX	42U 1200mm Deep Static Rack
93634PX	42U 1100mm Dynamic Rack
93634EX	42U 1100mm Dynamic Expansion Rack
93074RX	42U Standard Rack (1000mm)

For specifications about these racks, see the Lenovo Rack Cabinet Reference, available from:
<https://lenovopress.com/lp1287-lenovo-rack-cabinet-reference>

For more information, see the list of Product Guides in the Rack cabinets category:
<https://lenovopress.com/servers/options/racks>

Rack KVM console switches

Certain rack console switches can be mounted behind the ThinkSystem 18.5" LCD Console in the same 1U space, as listed in the following table.

Table 4. KVM console switches

Part number	Feature code	Description	Mounted in 1U space
1754D2X	1754HC2 6695	Global 4x2x32 Console Manager (GCM32)	Supported
1754D1X	1754HC1 6694	Global 2x2x16 Console Manager (GCM16)	Supported
1754A2X	1754HC4 0726	Local 2x16 Console Manager (LCM16)	Supported
1754A1X	1754HC3 0725	Local 1x8 Console Manager (LCM8)	Supported
1754A1T	1754HC5 B38H	ThinkSystem Analog 1x8 KVM Switch	No support
1754D1T	1754HC6 B38J	ThinkSystem Digital 2x1x16 KVM Switch	No support

For more information, see the Lenovo Press Product Guides in the KVM Switches & Consoles category:
<https://lenovopress.com/servers/options/kvm>

Related publications and links

For more information, see these resources:

- ThinkSystem 18.5" LCD Console User Manuals:
<https://www.vertiv.com/en-us/support/avocent-support-lenovo/>
- ServerProven web site:
<http://www.lenovo.com/us/en/serverproven/>

Related product families

Product families related to this document are the following:

- [KVM Switches & Consoles](#)

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