1754 Local Console Manager

Affordable accessibility, manageability, and security solution

The challenge of increasing rack and data center server densities requires secure, efficient and scalable solutions to enable IT administrators with a faster method to access equipment to meet SLAs and minimize downtime.

The 1754A1X Local Console Manager (LCM 8) and 1754A2X Local Console Manager (LCM 16) are designed to reduce these complexities with features that provide enhanced out-o f- band local access, management, and security capabilities to System x® and BladeCenter® environments.

Increase serviceability

1754 KVM switches support virtual media capabilities, which allow a single USB media, mass storage device or integrated optical drive in the 19" 1U Console kit (172319X) to be quickly switched directly to any server connected to the switch using the Virtual Media Conversion Option Gen2 (VCO2). This can help improve serviceability and lower operational expenses by allowing the transfer of data to deploy, patch, recover or even boot multiple servers all from one local console.

Enhance security

Two Factor Authentication (TFA) devices, such as Smart Card, or Common Access Card (CAC) readers, have quickly become an integral part of organizations' security standards and a requirement for secure government data centers based on HSPD12 (Presidential Directive 12). The 1754 LCM offerings support TFA devices providing a convenient single point of access, at the console tray, to authenticate the connected servers. Centralized authentication will help prevent security breaches, simplify rack management, and improve staff efficiencies. These solutions are also easily architected using the Virtual Media Conversion Option Gen2 (VCO2).

Improve scalability

These rack dense 8- or 16- port 1U analog solutions also support the ability to "daisy chain" up to 16 systems off a single switch port when used with existing UCO or KCOs and tier or cascade up to two levels. This allows the ability to manage up to 256 servers connected to multiple switches from one local console.

Specifications

Product	1754A1X Local 1x8 Console Manager (LCM8)	1754A2X Local 2x16 Console Manager (LCM16)
Machine Type Model	1754A1X	1754A2X
Device (ARI) Ports	8	16
Local Console	1	2
Virtual Media and TFA support	Yes	Yes
Chaining Support	Yes	Yes
Cascade Support	Yes (2 Tiers)	Yes (2 Tiers)
Max. Systems	128	256
Max. Resolution	1600x1200 or 1680x1050 (widescreen) native	
Form Factor	1U or 0U rack mountable	
Dimensions	1.72 in. (4.37 cm) Height; 17 in. (43.18 cm) Width; 6.5 in. (16.51 cm) Depth	
Weight	4.2 lbs (1.9 kg); 7.6 lbs (3.5 kg)	
Supported Conversion Options	39M2894 Virtual Media Conversion Option (VCO) 39M2895 USB Conversion Option (4 Pack UCO) 39M2897 Long KVM Conversion Option (Long KCO) 43V6147 Single Cable USB Conversion Option (UCO) 46M5382 Serial Conversion Option (SCO) 46M5383 Virtual Media Conversion Option Gen2 (VCO2)	
Warranty	3-year limited warranty	
Supported Servers	See the ServerProven page for the latest supported servers. http://www.lenovo.com/us/en/serverproven/	

Why System x

System x is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. System x also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

For more information

To learn more about the IBM Local Console Manager contact your Lenovo representative or Business Partner, or visit:

http://www.lenovo.com/servers/options