



Highlights

- Easily manage large numbers of servers through chains or tiers from a single On Screen Menu
- Virtual media and Two Factor Authentication (TFA) device support
- CAT5 cabling reduces cable volume by as much as 75 percent
- Support for VGA, SVGA, SGA, and SXGA video
- Video resolutions up to 1600x1200 or 1680x1050 (widescreen)



IBM 1754 Local Console Managers

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

Increase serviceability

IBM 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 IBM 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 IBM Virtual Media Conversion Option Gen2 (VCO2).





© Copyright IBM Corporation 2010

IBM Systems and Technology Group
Route 100
Somers, NY 10589

Produced in the United States of America
July 2010
All Rights Reserved

IBM, the IBM logo, ibm.com, BladeCenter and System x are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the web at “Copyright and trademark information” at ibm.com/legal/copytrade.shtml

Other company, product or service names may be trademarks or service marks of others.



Please Recycle

Product	1754A1X IBM Local 1x8 Console Manager (LCM8)	1754A2X IBM 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 IBM Virtual Media Conversion Option (VCO) 39M2895 IBM USB Conversion Option (4 Pack UCO) 39M2897 IBM Long KVM Conversion Option (Long KCO) 43V6147 IBM Single Cable USB Conversion Option (UCO) 46M5382 IBM Serial Conversion Option (SCO) 46M5383 IBM Virtual Media Conversion Option Gen2 (VCO2)	
Warranty	3-year limited warranty	
Supported servers	See the IBM ServerProven® Page for the latest supported servers http://www.ibm.com/servers/eserver/serverproven/compat/us/	

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.

For more information

To learn more about the IBM Local Console Managers visit: ibm.com/systems/x/hardware/options/ or contact your IBM marketing representative or IBM Business Partner.