1754 Global Console Managers

Next-generation accessibility, manageability and security

The Global 4x2x32 Console Manager (GCM32) and Global 2x2x16 Console Manager (GCM16) provide enhanced remote management, access and security capabilities with out-of-band access to servers, network equipment and other devices with serial configuration or console ports from a single appliance.

This unified approach improves staff efficiency by reducing the time required to remotely diagnose, reconfigure, repair or restore servers as well as network devices and other hardware with serial configuration and/or management consoles.

Advanced security features

The 1754 GCMs provide advanced security features including AES encryption, LDAP, and smart card/Common Access Card (CAC) reader support for secure centralized authentication and access to local or remote systems.

True Serial capabilities

The true serial capabilities of these next-generation appliances expand access and control reducing infrastructure complexity by allowing nearly any device with a serial port (hubs, routers, switches) to be connected and managed directly from a singular GCM. The Serial Conversion Option (SCO) facilitates the connection to these devices and supports SSH and Telnet connections and the Cisco® electronic pinout for seamless connections to Cisco equipment.

High availability

These new switches also feature redundant 10/100/1000 Ethernet ports and power supplies standard, improving availability and minimizing downtime.

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Specifications

Product	Global 2x2x16 Console Manager (GCM16)	Global 4x2x32 Console Manager (GCM32)
Machine type model	1754D1X	1754D2X
Device (ARI) ports	16	32
Remote users	2	4
Local independent users	2	2
Network ports	2 10/100/1000 Ethernet	2 10/100/1000 Ethernet
Power supplies	2 (AC input range: 100 - 240 V)	2 (AC input range: 100 - 240 V)
Cascade support	2 Tiers	2 Tiers
Max. systems	1024	1024
Max. resolution	1600 x 1200 or 1680 x 1050 (widescreen) native	
Dimensions	1.72 in. (4.37 cm) Height 17 in. (43.18 cm) Width 9.2 in. (23.4 cm) Depth	1.72 in. (4.37 cm) Height 17 in. (43.18 cm) Width 9.2 in. (23.4 cm) Depth
Weight	7.0 lbs. (3.2 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 **ibm.com**/servers/eserver/serverproven/compat/us/	

Greater density

These rack-dense 16- or 32-port 1U digital solutions also support the ability to "daisy chain" up to 16 systems off a single switch port when used with existing UCO or KCO dongles and support tiering or cascading up to two levels, which allows the ability to manage up to 1024 servers connected to multiple switches from one local console.

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.

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