



IBM NetBAY Local Console Manager

Highlights

Builds on IBM's experience with C2T Interconnect™ Cabling by allowing the "daisy chaining" of servers together for management.

CAT5 cable based with industry standard RJ45 connectors for secure, quick connections

Intuitive Graphical User Interface and multi-language support

Password protection with multi-level access control of the rack environment

Software and firmware is flash upgradable for Web-based future enhancements and code delivery

Innovation in server connectivity

The IBM NetBAY Local Console Manager (LCM) is the entry switch product in the new family of NetBAY Advanced Connectivity Technology (ACT) products. The LCM is a 1U rack mountable keyboard, video, mouse (KVM) CAT5 based switch containing four ports. With these four individual inputs the LCM has the ability to support the connection and management of up to 64 servers on a single switch. Management of connected servers is done locally through the single analog port on the back of the switch.

Enhanced video quality of up to 1600X1280 is possible while maintaining a maximum end-to-end cable length of 15m (50ft). The LCM is a space-saving, time-saving, cost efficient way to bring together and manage rack dense environments.

KCO and CCO intelligent cabling

The KVM Conversion Option (KCO) and C2T Conversion Option (CCO) intelligent cables (generically called CO cables) with CAT5 can dramatically reduce cable clutter, while providing high quality digital display resolution and video settings.

The built-in memory of the CO simplifies configuration by assigning and retaining unique server identification codes for each attached server. This integrated intelligence enhances security and is designed to prevent unauthorized access to a server through cable manipulation. The CO cable is powered directly from the server, it provides Keep Alive™ functionality even if the server is not powered on.

OSCAR for IBM

The LCM comes complete with the firmware needed to quickly begin managing your server system. All of the IBM ACT products are powered by a user friendly, graphical interface called OSCAR for IBM (On Screen Configuration and Activity Reporting). This IBM version of OSCAR makes it easy to switch between connected systems and gives you a single point of control for all the servers attached to the switch. OSCAR has been a part of the IBM NetBAY Console Switch products for many years.

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Technical Specifications

LCM Product Specifications

Server Ports	
Number	4
Types	KCO, CCO
Connectors	RJ45
Sync Types	Separate horizontal and vertical
Plug and Play	DDC2B
Video Resolution	Analog Port Maximum 1600 x 1280 @ 75Hz
Configuration Port	
Number	1
Type	Serial RS232
Connector	DB9 Female
Analog Port	
Number	1
Type	PS/2 and VGA
Connectors	PS/2 MiniDIN and 15 pin D
Dimensions	
Dimensions (HxWxD)	4.38x43.18x13.97cm 1U form factor (1.72x17.00x5.75in)
Weight	1.6kg (3.6 lb) without cables
Heat Dissipation	17BTU/Hr
Power Consumption	5 W
AC-input power	10 W maximum
AC-input voltage rating	100 to 240VAC Autosensing
AC-input current rating	.1A
AC-input cable	18 AWG three-wire cable, with a three lead IEC-320-C13 receptacle on the power supply end and a IEC-320-C14 on the power resource end
AC-frequency	50/60Hz
Temperature	10° to 50° Celsius (50° to 122° Fahrenheit) operating -20° to 60° Celsius (-4° to 140° Fahrenheit) nonoperating
Humidity	20 to 80% noncondensing operating 5 to 95% noncondensing nonoperating
Agency Approvals	
EN55022 Class A, EN55024, EN61000-3-3, FCC15 Class A, VCCI Class A, IEC950, EN60950, UL 60950 third edition, CSA C22.2 No. 60950	
Warranty	
Three year limited onsite warranty*	

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IBM Server Group

3039 Cornwallis Road
Research Triangle Park, NC 27709

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The xSeries Rack Configurator is available to assist in selecting console switch placement and cable lengths.

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