

LENOVO THINKSERVER SYSTEM MANAGER AND DEPLOYMENT MANAGER

Rapid deployment and enhanced lifecycle management.



THINKSERVER SYSTEM MANAGER

Integrated into next-generation Lenovo ThinkServer rack and tower servers, the ThinkServer System Manager enables you to remotely and securely manage your servers. Powerful features give you easy access to your ThinkServer helping you configure, update and monitor the system from anywhere. Alerts can even be generated to notify you of system events.

The ThinkServer System Manager works independently of the operational state of the server and is accessible via a standard Ethernet network controller, as long as the server is connected to a power source. A PowerShell interface enables tasks to be automated and controlled using scripts.

THINKSERVER SYSTEM MANAGER PREMIUM

Adding the optional ThinkServer System Manager Premium further increases your management functionality, giving you remote keyboard, video and mouse (KVM) access to your ThinkServer system. Remote KVM provides a way to view and operate the remote ThinkServer in real-time and provides virtual media capabilities allowing you to run local media, such as a CD-ROM, on the remote server. Being able to perform most support functions remotely reduces the need for on-site support, saving time and money.

Purchasing ThinkServer System Manager Premium also activates a license for ThinkServer Energy Manager, which lets you take control of power usage through improved data analysis lowering overall TCO.

THINKSERVER DEPLOYMENT MANAGER

ThinkServer Deployment Manager, a set of embedded tools that greatly simplify server lifecycle management, is also included with the latest ThinkServer systems at no additional charge. Primary features include hardware configuration, operating system deployment and firmware and OS device driver updates. Hardware configurations can also be cloned from a network share. Because Deployment Manager is embedded in the system, there are no CDs or DVDs to manage. Deployment Manager runs in the pre-boot environment and has an easy-to-navigate, local graphical user interface that saves time and can decrease the number of steps required to get your server up and running.

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SPECIFICATIONS

ACCESS	<p>Industry-standard interfaces and protocols including:</p> <ul style="list-style-type: none"> • IPMI 2.0 • DCMI 1.0 • SMASH-CLI • WS-MAN • SNMP v3 (Gets only) <p>Serial console redirection</p> <ul style="list-style-type: none"> • IPMI serial over LAN • Terminal redirection over external serial port <p>Secure HTML5 web browser GUI</p> <p>PowerShell CLI</p>
NETWORKING SUPPORT	<p>ARP, DHCP, DNS, HTTP, HTTPS, ICMP, LDAP, LDAPS, NTP, SLP, SMTP, SNMP (Traps), SNMP v3 (Gets only), SNTP, SSL, SSH, Telnet, VLAN Support</p> <p>IP address, host name, subnet mask, gateway</p> <p>Network port reassignments</p>
MONITORING AND ALERTING	<p>Access to critical server settings</p> <p>Continuous health monitoring and control</p> <p>System watchdog timer</p> <p>Configurable automatic out-of-band notification and alerts</p> <ul style="list-style-type: none"> • SNMP Traps • SMTP (eMail) • CIM indications <p>System event logs</p>
SECURITY	<p>User authentication and role-based privileges supported through local accounts or secure connection to Active Directory or LDAP</p> <p>Enterprise-class security access protocols</p> <p>Firmware firewall (IPMI 2.0)</p>
DEPLOYMENT MANAGER	<p>Simplifies server lifecycle management:</p> <ul style="list-style-type: none"> • Configure hardware (BIOS, TSM, RAID) • Deploy supported OS with drivers resident on the system or from remote file location • Update firmware and drivers for deployment <p>Graphical user interface in pre-OS environment</p>
REMOTE PRESENCE (WITH TSM PREMIUM)	<p>Remote keyboard, video, mouse (KVM)</p> <p>Remote media CD-ROMs (USB, SATA); DVD-ROMs (USB, SATA); USB mass storage devices; ISO images; IMG images (create from local folders)</p>
REMOTE CONTROL	<p>Remote power control (on/off/power cycle/shutdown/reset)</p>
INVENTORY	<p>FRU tracking and reporting</p>

To learn more about Lenovo ThinkServer, please contact your Lenovo Business Partner or visit lenovo.com/thinkserver