



toptools remote
control card



product
overview

putting you in control anytime, anywhere

Information infrastructures are becoming increasingly complex, diverse, and difficult to manage. At the same time, IT groups are under increased pressure to deliver reliable performance under tighter constraints. Because the need for remote administration tools is greater than ever, HP has developed the HP Toptools Remote Control card. With this card, your administrators can manage their HP Netervers, whether the servers are up or down, using a Web browser—anytime, anywhere.

easy access
anytime,
anywhere

HP has developed a Web-server-on-a-chip that allows any device to have its own Web page without a separate Web server. The HP Toptools Remote Control Card contains this technology so administrators can simply point their browser at the card to access its Toptools-style, Web-based interface. Since the card can be accessed by network or modem, administrators can truly monitor their servers from anywhere.

increased
uptime

Because your business relies on the availability of your server, the HP Toptools Remote Control card provides the tools required for solving problems remotely.

The card notifies you of errors and makes it possible to troubleshoot remotely through access to the system event log. All of the system's components log errors directly into the system event log, creating an excellent tool for troubleshooting. The card also contains proactive, online diagnostics to detect memory errors early, so memory can be replaced before it causes the system to fail.

powerful remote
control

The HP Toptools Remote Control card lets you take complete remote control of the system. You can perform updates to BIOS and firmware and even power one or many servers on or off from wherever you are.

The card isn't just for emergency remote access. It can be used for everyday server deployment and administration as well. Configure server hardware and load software from the comfort of your desk regardless of whether the server is down the hall or across the country. Keep the card up to date more easily with group actions for security maintenance and with updates of the card's firmware to get the newest features.

advanced security

Security is imperative for any remote management tool. Security is assured with several levels of protection. First, access to the card is screened by the security scheme built into your company network. Security is further enhanced by an additional encrypted password, role-based access, and dialback for modem access.

And, of course, like all HP Netserver products, the HP Toptools Remote Control card is backed by HP's world-class service and support—to ensure your success.

features and benefits

	features	benefits
easy remote administration	Easy access: <ul style="list-style-type: none"> • Web browser-based, Tootools interface • Access by network or external modem Powerful remote control: <ul style="list-style-type: none"> • Text and Microsoft® Windows NT® Graphics Console redirection (bundled pcAnywhere32) • Reset and power on/off • Remote Plug and Play: <ul style="list-style-type: none"> — Hardware configuration — Software installation — BIOS and firmware updates • Group Actions: power server on/off, add/delete users, change card passwords, update card firmware, replicate card configuration and users 	<ul style="list-style-type: none"> • Familiar, easy-to-use tool • Global remote access • Eliminate travel to sites for troubleshooting or routine tasks such as updates, configuration changes, or power cycling • Faster server deployment
increased availability	<ul style="list-style-type: none"> • Access to server regardless of its state • Error notification by pager or e-mail • Comprehensive intelligent platform management interface (IPMI) system event log • Online memory diagnostics 	<ul style="list-style-type: none"> • Faster issue resolution • Increased uptime, because memory failure is one of the leading causes of downtime • Faster troubleshooting, see log when power is off
security	<ul style="list-style-type: none"> • Built in network security or modem dialback • Encrypted password & role-based access • Notification of failed login attempts 	<ul style="list-style-type: none"> • Peace of mind • Protection from unauthorized access

hardware and software requirements

requirements	hardware	software
hp tootools remote control-managed netserver	<ul style="list-style-type: none"> • HP Netserver LC 3, LH 3, LH 4, LH 3000, LC 2000, LH 6000, LT 6000, LPr, with available PCI slot. Pre-installed on LXr 8000 and LXr 8500 • 10/100Base-T connection and/or external modem connection 	<ul style="list-style-type: none"> • Netserver simple network management protocol (SNMP) + desktop management interface (DMI) agents (recommended for full functionality)
management console	<ul style="list-style-type: none"> • LAN connection or modem • 486SX or faster PC with VGA or better video for pcAnywhere only 	<ul style="list-style-type: none"> • Internet Explorer 4.01 with SP1 or 5.0 OR Netscape Navigator™ 4.51 or 4.61 • Windows® 9x or Windows NT

ordering information

product number	includes
P1218A	<ul style="list-style-type: none"> • HP Tootools Remote Control card including battery
D6138A	<ul style="list-style-type: none"> • AC Adapter for HP Tootools Remote Control card (option required for remote power on)

specifications

on-board features	<ul style="list-style-type: none"> • 32-bit PCI bus master card—single slot • External 9-pin serial/RS-232 connector • 10/100 Base-T Ethernet (RJ45) connector 	<ul style="list-style-type: none"> • Advanced RISC Machines ARM7TDMI • Voltage and temperature sensors • 8MB SDRAM • 4MB Flash ROM—updateable
battery	<ul style="list-style-type: none"> • Lithium Ion rechargeable battery included. Optional AC/DC adapter • Provides at least one hour of emergency power (may provide up to 3 hours) 	
system dimensions	<ul style="list-style-type: none"> • PCI short card, PCI 33MHz, 32-/64-bit, 3.3 V and 5V compatible 	
operating temperature	<ul style="list-style-type: none"> • 5–35 degrees C / 20–80% relative humidity 	
power consumption	<ul style="list-style-type: none"> • 500 mA @ 5 V from either AC Adapter or PCI Bus 	

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11/2000

