



DECserver 90M+

Confidently manage your serial devices with multi-protocol connectivity



Establish communication with virtually any serial device with a reliable connection to manage your network from anywhere with Digital Networks' DECserver 90M+.

What you can do

- > Connect up to 8 serial devices to Ethernet/Internet.
- > Provide secure access for IT staff's management of network resources.
- > Deliver optimum data at speeds up to 230.4Kbps.
- > Gain access to attached serial devices through in-band management from anywhere on the LAN/WAN..
- > Connect to your serial devices even when the network is down with out-of-band management.
- > Reduce response time to events, minimize downtime, and increase productivity.
- > Support multiple user access to a single port.
- > Perform seamless migration from LAT to IP with legacy protocol support.
- > Print ASCII and postscript files with Line Printer Daemon (LPD).
- > Manage your serial device network with embedded DNAS (DECserver Network Access Software).

An ideal solution for many serial device applications, we have installations providing efficient, problem-free service for over 10 years of operation.

How does the DECserver 90M+ fit into the network?

The DECserver 90M+ provides access and local or remote management of any combination of serial devices.

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|------------------------------|--------------------------------|
| SAN Devices | Thermostats |
| Servers, Routers, & Switches | Security Cameras |
| Printers | Temperature Sensors |
| Modems | Card Readers |
| Medical Instruments | Point-of-Sale Terminals |
| Manufacturing Equipment | Time Clocks |
| Bar Code Scanners | Uninterruptible Power Supplies |
| Building HVAC Systems | Traffic lights |
| Process Control Equipment | Fire alarms |
| Vending Machines | and many more... |



Feature Set

- > Per port line speed up to 230.4Kbps
- > XON/XOFF Flow Control
- > Block mode transfers up to 2048 bytes
- > Multi-protocol support for IP, LAT, IPX, and AppleTalk networks
- > Supports LAT, Telnet, TN3270, Rlogin, LPD and DNS
- > Supports SLIP, CSLIP, and PPP with AUTOLINK
- > Supports Telnet Listener, Raw TCP Listener, and Reverse LAT
- > Supports PAP, CHAP, RADIUS, Kerberos V4, RSA SecurID, and CBCP or standard dial-back
- > FLASH RAM allows operating software to be stored onboard (no network load host required)

Ordering Information

RoHS Compliant

- DCSRV-PA DECserver 90M+, console cable (BN25G), and DNAS CD-ROM kit (KT-DNAS3-00) with license and softcopy documentation. Power supply not included.
- DCSRV-*** DECserver 90M+, power supply (H7082-AB), console cable (BN25G), and DNAS CD-ROM kit (KT-DNAS3-00) with license and softcopy documentation.

*** Denotes multiple variations for country-specific power cords.
 RAR = US/Canada; RDR = Denmark; RER = United Kingdom; RIR = Italy; RKR = Switzerland;
 RTR = Israel; RXR = Central Europe; RZR = Australia; SJR = India

Non-RoHS Compliant (Available While Supplies Last)

- DCSRV-PAR DECserver 90M+, console cable (BN25G), and DNAS CD-ROM kit (KT-DNAS3-00) with license and softcopy documentation. Power supply not included. (RoHS Compliant)
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 RX = Central Europe; RZ = Australia; SJ = India

Miscellaneous Parts & Cables

Part Description	RoHS	Non-RoHS
Power Supply Unit (for standalone option)	H7082-ABG	H7082-AB
DB9 Null-modem Adapter (requires BN25G patch cord)	H8585-AAG	NA
Straight-through Cat 5E Patch Cord RJ45 on each end (xx = length in meters: -01, -03, -04, -07, -0B, -0E)	BN25G-xx-5EG	BN25G-xx-5E
DECserver Network Access Software v3.x CD-ROM kit with license and softcopy documentation.	KT-DNAS3-00	NA
MultiStack Tray (Rack mount option)	NA	DETRX-**

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 SE = United Kingdom; SI = Italy; SK = Switzerland; ST = Israel; SX = Central Europe; SZ = Australia; TJ = India

Specifications

Ethernet
 10BaseT RJ45 or
 Thinwire via Backplane Only

Asynchronous Ports
 8-RJ45
 EIA-423
 DEC-423-A
 RS232 compatible

Asynchronous Port Speed
 75bps to 230.4Kbps

Modem Control
 DTR/DSR

RAM
 8 MB

Flash
 4MB onboard

Physical
 Height: 3.18cm (1.3 in)
 Width: 7.31 cm (2.9 in)
 Depth: 12.70 cm (5.0 in)
 Weight: 1.00 kg (2.2 lb)

90M+ Power
 Power Consumption: 5 Watts
 Voltage: 5.1 VDC
 Current: 0.3a Type, (1a max)

H7082-AB Power
 Voltage, North America: 104 VAC to 128 VAC (nominal 120 VAC)
 Voltage, International: 208 VAC to 256 VAC (nominal 240 VAC)
 Current at 120V: 0.25 A
 Current at 240V: 0.125 A
 Frequency: 50 Hz to 60 Hz

Operating Environment
 Temperature: 5° C to 50° C (41° F to 122° F) Class C
 Max rate of change: 20° C/hr (36° F/hr)
 Relative Humidity: 10% to 95% (non-condensing)
 Dew point: 2° C (36° F) maximum
 Altitude: Sea level to 2.4 km (8000 ft)

Environmental
 RoHS Compliant