



DECserver ConX⁴

Simplify serial-to-Ethernet connectivity



Confidently support a wide array of applications with the ideal mix of performance, features, reliability and manageability that only the DECserver can offer.

What you can do

- > Connect up to 4 serial devices to 10/100Base-T Ethernet, achieving data speeds up to 230.4 Kbps.
- > Access, configure, monitor, manage, troubleshoot, diagnose and repair serial devices wherever you are, whenever you want.
- > 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).

Rely on the DECserver ConX⁴ to provide you with all of the serial device networking capabilities you've come to expect from DECserver products and more!

By listening to our customers, we continue to deliver enhanced DECserver hardware and software, meeting your ever-evolving needs.

How does the ConX⁴ fit into the network?

Enable your serial devices to be directly connected to your network:

Factory Automation

PLC
Sensors
Barcode Scanners
Gauges
Electronic Scales

Retail Point-of-Sale

Cash Registers
Display Poles
Printers

Laboratory Automation

Link Analyzers
Scales
Temperature Sensors
Multimeters
Chromatographs

Building Automation

HVAC Controls
Lighting Control
Security & Fire Alarms
Magnetic Barcode Readers
Biometric Readers

Traffic Management

Traffic lights
Traffic Cameras
Billboards

Your only source for Orbit products

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Feature Set

- 4 RJ45 ports, 1U standalone or Wallmount unit
- Supports throughput rates of up to 230.4 Kbps port
- Wide array of authentication features including RADIUS, Kerberos V4, RSA SecurID, PAP, CHAP and CBCP or standard dial-back
- Multiple Telnet sessions per port
- Extract and download configuration to multiple DECserver ConX units
- Multi-protocol support for IP, LAT and Appletalk networks
- Sun-break compatible
- Supports Telnet, LAT, TN3270, Rlogin, LPD and DNS
- Supports LPD, Telnet Listener/server, raw TCP Listener/server, and Reverse LAT
- Dial up protocols supported: SLIP, CSLIP, and PPP with AUTOLINK
- Embedded DNAS, DECserver Network Access Software, for serial device network configuration and management

Ordering Information

DSC04-A* DECserver ConX⁴ with AC power H7042-AB, console cables, DB9 null-modem adapter, and DNAS CD-ROM kit with license and documentation

To order the appropriate country-specific power cord, replace the * variable with:
A = US/Canada; D = Denmark; E = United Kingdom; I = Italy; K = Switzerland; T – Israel; X = Central Europe; J – India

Miscellaneous Parts & Cables

H7042-AB	Power Supply Unit
H8585-AAG	DB9 Null-modem adapter provides access to DECserver physical console port when used with a BN25G patch cord
74-D0017-01	Wallmount Bracket
BN25G-xx-5EG	Straight-through Cat 5e Patch Cord
KT-DNAS3-00	DECserver Network Access Software CD-ROM with license and softcopy documentation

ConX⁴ Specifications

Network Interface

RJ45 connector 10/100 Mbps

Asynchronous Ports

75.0 bps – 230.4 bps

Modem Control

CTS/RTS/DTR/DSR

RAM

8 MB

Flash

4 MB onboard

Protocols

UDP, Telnet, TFTP, ICMP, TCP, ARP, DNS, SLIP, CSLIP, SNMP, BOOTP, PPP, ATCP, DHCP, RADIUS

Security

Server-wide Login Passwords, PAP, CHAP, Local User Accounts, Kerberos Authentication, Dial-back Authentication, RADIUS

Management

DNAS CLI, Command Line Interface
DNAS ASM, Access Server Manager
SNMP manageable

Physical

Height: 31.75 mm (1.25 in)
Width: 190.5 mm (7.5 in)
Depth: 104.14 mm (4.1 in)
Weight: 0.68 kg (1.50 lbs)

DC Power Specifications

Consumption: 3 Watts
Output Voltage: 3.3 VDC
Output Current: 0A – 2.50A
Input Voltage: 90 – 264 VAC
Input Current: 0.4A
Inrush Current: 15A (115 VAC); 30A (230 VAC)

Environmental

Operating Temperature: 5° C to 50° C
Storage Temperature: -40° C to 85° C

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