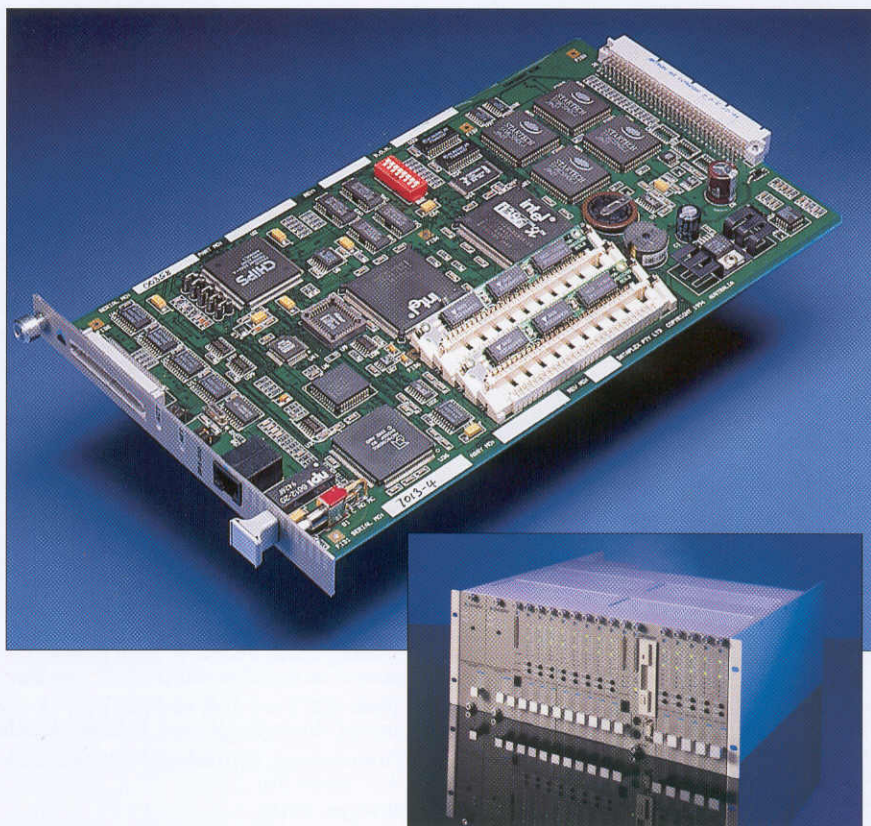


# Accesspoint CONTROLLER

QUALITY EQUIPMENT  
WITH ENGINEERING  
SUPPORT AND SERVICE



**A**ccessPoint-Controller™ is a nest controller card that is inserted into a dedicated slot in the AccessPoint-Nest™ (DPX-300 nest). The controller card is used to provide complete system management in conjunction with the nest management software (AccessPoint-Manager™). It also provides enhanced network access features to the installed AccessPoint-Nest™.

## FEATURES

- Parallel port for log printing functions
- 10BaseT Ethernet for network access
- Serial ports for management access
- Integrated management and monitoring of nest devices including PC software and system functions
- Flash memory for easy system program updates

- Environmental monitoring
- Remote boot capability for remote program loading
- Automatic assignment and control of Ethernet addresses to allow hot swapped card to maintain address per slot
- Designed and built by Dataplex in Australia

AccessPoint-Controller™ can manage all system components of the AccessPoint™ family of products, providing both SNMP and serial based access. The Network Manager can access management functions simultaneously from the network (SNMP), or serially via a locally or remotely attached serial device. AccessPoint-Controller™ provides TELNET terminal server and remote node network access functions to client cards.

Over

*Communicate  
with Dataplex*

# Accesspoint CONTROLLER

## Services all Client Cards

AccessPoint-Controller™ incorporates a powerful processor and 16 serial ports to service the DPX-300 client cards in the nest. Non volatile storage permits permanent storage of user parameters, operating code and other important information.

## Fully Functional with Nest Devices

The AccessPoint-Controller™ device connections are serial and therefore the controller may communicate with each device in the nest at high speed. AccessPoint-Controller™ can replace the normal DTE connection for TELNET and remote node services.

## Remote Boot

The remote boot and program loading feature allows applications to be remote booted and loaded off a network file server. This is ideal in those circumstances where a user has a number of nests and requires that all AccessPoint-Controller™ cards access the same executable image stored on a network file server.

## SNMP Manageable

Network accessible management is via the industry standard SNMP protocol. This is accessed through the integrated 10-Base-T Ethernet port. This allows the client cards in several nests to be managed by a SNMP management station. The SNMP management function uses a Dataplex supplied modem MIB.

## TELNET Terminal Server

The AccessPoint-Controller™ card provides TELNET terminal server functions to the devices in the nest and permits dial-in and dial-out access to/from TELNET clients on the network.

## Remote Node Access

Remote node access is provided by network cards housed in the nest. This is accomplished using the industry standard PPP protocol.

## INT14 Dial Modem Pooling

Dial modem pooling is also available via INT14 support to allow DOS and Windows users access to network pools of dial modems.

## Advanced Applications

Since the AccessPoint-Controller™ is based on the industry standard PC architecture it is capable of running standard operating systems in addition to the dedicated management application. With its optional storage module, advanced applications can reside on

AccessPoint-Controller™ allowing it to perform as a Front End Processor.

## Performance and Reliability

Manufactured under an ISO-9002/AS-3902 quality control system, the AccessPoint-Controller™ card offers an advanced design with low parts count for maximum reliability.

## SPECIFICATIONS

**Processor:** Intel Processor.

**RAM:** Standard 2MB expandable to 10MB

**ROM:** 256KB and 1MB flash ROM devices.

**Network:** 16 bit bus mastering 10-Base-T Ethernet controller.

**Serial:** 2 RS-232 compatible serial ports available on rear of DPX-300 nest.

**Parallel Port:** Standard PC compatible parallel port available on DPX-350 nest.

**Video:** 1024 by 768 local bus video controller, 512KB of video ram.

**Keyboard and mouse:** Industry standard connections for PS/2 keyboard and mouse.

**Management Ports:** 16 high performance buffered serial ports, 1 per slot.

**Disk:** IDE hard disk and floppy disk supported through optional storage module.

**Dimensions:** 20mm[w] x 300mm[d] x 177.5mm [h].

**Weight:** 370g.

**Power:** DPX-300 8.5VDC @ 1.2A

**Environment:** 0° to 50°C, 0 to 95% humidity non-condensing.

## Security Option:

AccessPoint-Security™, a security database system with enhanced security functionality. Security options include keycard based access, DES token challenge/response, DES based encryption, password look-up and same/different line callback. A user database details user-IDs, passwords, acceptable access dates and times and security access levels.

## Management Option:

AccessPoint-Manager™ automates the process of modem configuration, on-line surveillance and statistics collection. The Network Manager can pin-point terminal, modem and circuit failures immediately; observe call activity; log all network events, enforce different levels of access security; display log configuration status and a host of other features that make management of a nest of modems flexible and powerful.

**Warranty:** 12 months warranty.

## ORDERING INFORMATION

DPX-300-01	AccessPoint-Nest™
DPX-310-01	AccessPoint-Controller™
DPX-311-01	AccessPoint-Storage™
DPX-312-01	AccessPoint-Processor™
DPX-310-02	AccessPoint-Management Software™
DPX-310-03	AccessPoint-Security Software™

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 **Dataplex**  
THE ACCESS CONNECTION

AUSTRALIA

NSW: Level 2, 27a Oxford St, Epping NSW 2121. Tel: (02) 9869 2500 Fax: (02) 9869 2600

E-mail: info@dataplex.com.au Website: www.dataplex.com.au