



# Tech Info Library

## AppleTalk Personal Network: Specifications

Revised: 5/16/91  
Security: Everyone

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Topology  
-----  
Serial bus

Wiring  
-----  
Shielded twisted-pair

Signaling Standard  
-----  
EIA standard RS-422, balanced voltage

Signaling Speed  
-----  
230.4 Kbits/sec

Signal Encoding  
-----  
FMO (biphase space)

Frame Format  
-----  
SDLC (Synchronous Data Link Control)

Maximum Number of Connections  
-----  
32 for a stand-alone network (With a third-party product, it can connect more than 32 devices.)

Node Identification  
-----

Self-configuring; no user action required

Architecture

-----

Open

Connection

-----

Passive drops

Link Access Protocol

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Carrier-sense, multiple-access with collision avoidance (CSMA/CA)

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