



# Tech Info Library

## LANSTAR AppleTalk Network: Specifications (Discontinued)

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### Network

- Topology: Star
- Wiring: Unshielded, twisted-pair (22- to 26-gauge wire)
- Signaling speed: 2.56 Mbps to a 40 Mbps backbone
- Maximum length: 2000 feet to each point of the star (workstations can be up to 4000 feet apart)
- Node identification: Self-configuring (except for the LANSTAR AppleTalk Bridge)
- Applications supported: all Macintosh II, AppleTalk applications
- Polling mechanism: high speed perfect-scheduling
- Backbone: Shared 40Mbps; optional redundant backbone

### LANSTAR Interface Card for the Macintosh II

- LANSTAR protocol support for the full AppleTalk protocol stack, including ATP, NBP, ZIP, EP, PAP, and RTM
- ALAP, modified to support twisted-pair media
- DDP, extended to support the LANSTAR AppleTalk Bridge Memory: 2K of RAM
- Interfaces: 2 RJ11 jacks (one is to pass through the telephone)
- Configuration: NuBus
- Maximum power consumption: 4.8 W
- Size: 4 in. (10.2 cm) high by 11.75 in. (29.9 cm) long
- Operating temperature: 50 to 95 degrees F (10 to 35 C)

### Meridian LANSTAR System (Model PTE-S)

#### Electrical Requirements

- Line voltage: 92 to 130 VAC (184 to 260 VAC optional)
- Frequency: 47 to 440 Hz
- Power consumption: 300 W maximum for each power supply; 410 W maximum on a fully-loaded system

#### Environmental Requirements

- Operating temperature: 50 to 99 degrees F (10 to 37 C)
- Relative humidity: 5% to 95% noncondensing
- Regulatory approvals: UL; FCC Part 15, Class B

## Size and Weight

- Height: 29.5 in. (74.9 cm)
- Width: 23.3 in. (59.2 cm)
- Depth: 25.5 in. (64.8 cm)
- Weight: 215 lb. (97.5 kg) with one power supply; 242 lb. (109.8 kg) with two

## LANSTAR AppleTalk Diagnostic Tool

Driver interface: NuBus

Protocol interface: DDP

Stand-alone application; standard Macintosh user-interface Loop back, echo, local-node test, and remote-node test

## AppleTalk Protocol Support

- Driver interface: AAGA
- Configurations
  - Workstation, running in background
  - Network server, with AppleShare and/or LaserShare

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