Tech Info Library

LANSTAR AppleTalk Network: Specifications (Discontinued)

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Revised:        9/21/93
Security:       Everyone
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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 RJlI 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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