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Macintosh Display Card 24AC: Technical Specifications (12/94)

Revised: 12/21/94
Security: Everyone

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TOPIC -----

This article gives the technical specifications for the Apple Macintosh Display Card 24AC.

DISCUSSION -----

System Requirements

- To use the Apple Macintosh Display Card 24AC, you need a Macintosh II family with NuBus slot, Centris, Quadra, or Power Macintosh computer.

Note: Certain Macintosh II family computers can use this card with an additional NuBus adapter card.

- Macintosh-compatible monitor
- Hard disk
- 2 MB of RAM or more (4 MB or more recommended)
- Macintosh System software version 7.1 or later

Operating Environment

- Temperature: 10 to 55 degrees C (50 to 131 degrees F)
- Humidity: 5% to 95% noncondensing
- Altitude: 10,000 ft. Maximum (3048 m)

Dimensions

- 6.5x4 in.

Technical Specifications

Interface: NuBus

Connector: 15-pin D-Style (RS-343A)

Display Modes: The Apple Macintosh Display Card 24AC works with any of the following monitor modes:

Macintosh Resolutions	Additional Resolutions
-----	-----
640x480 @ 67Hz	640x480 @ 60Hz
832x624 @ 75Hz	800x600 @ 60Hz
1024x768 @ 75Hz	1024x768 @ 60Hz
1152x870 @ 75Hz	
640x870 @ 75Hz	

Maximum Bit Depth: 24-bit (all resolutions)

Maximum Colors: 16.7 million

NuBus Power Consumption: The maximum power allowances from different voltage sources are:

Voltage	Current (A)
-----	-----
+5	1.8
+12	0.0
-12	0.01

Video Port Specifications

Pin	Output Signal
---	-----
1	Red Return
2	Red Video
3	C Sync
4	ID 1
5	Green Video
6	Green Return
7	ID 2
8	Reserved
9	Blue Video
10	ID 3
11	C Sync and V Sync Return
12	V Sync

13	Blue Return
14	H Sync Return
15	H Sync
Shell	Shell Ground

Article Change History:

21 Dec 1994 - Added Power Macintosh to computers supporting the card.

Support Information Services

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