AV Series, Apple Nubus Video Cards: Compatibility (2/94)

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TOPIC ---

Of all of the NuBus Video cards Apple has produced, which Apple
NuBus cards listed below are not considered "compatible" with the
Macintosh Quadra 840AV, Quadra 660AV and Centris 660AV?

DISCUSSION --

The following list details all video cards tested for compatibility
with the Macintosh AV Series. Each card is individually evaluated
further in the discussion.

Video Card:	Compatible with:
Macintosh II 1 Bit Video Card	840AV(unsupported)
Macintosh II 4 Bit Video Card	840AV(See Note B)
Macintosh II 8 Bit Video Card	840AV(See Note B)
Macintosh II Hi-Res Display Card (4-Bit)	840AV
Macintosh II Extended Hi-Res Display Card (8-Bit)	840AV
Macintosh II Two-Page Video Card	Incompatible
Macintosh II Portrait Display Card	Incompatible
Macintosh II Portrait Display Card (DB15 connector)	Incompatible
Macintosh Display Card 4•8	840AV(See Note E)
Macintosh Display Card 4•8, Rev. B	840AV(See Note E)
Macintosh Display Card 8•24	840AV(See Note E)
Macintosh Display Card 8•24, Rev. B	840AV(See Note E)
Macintosh Display Card 8•24GC, Rev A	Incompatible
Macintosh Display Card 8•24GC, Rev B	840AV(See Note F)
Macintosh Display Card 24AC	660AV, 840AV

• NOTES FOR SPECIFIC CARDS:

A) Macintosh II 1 Bit Video Card

The 840AV was never tested with this card. While we did not encounter
any problems during testing, it is officially untested and the
possibility of hidden bugs remains.

B) Macintosh II 4 Bit Video Card

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   Macintosh II 8 Bit Video Card
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The Mac II High Res 4-bit and 8-bit video cards are compatible but will
not drive Apple's 16-inch and 21-inch color monitors. Also, because
these cards were designed only to drive the 12-inch High Res monochrome
and the 13-inch RGB monitors, they have no sense line capability.
Therefore, if they are placed in any Macintosh computer with a NuBus
slot that is also supporting built-in video or a later version NuBus
card, the boot up screen will automatically default to the old Mac II
High Res 4-bit or 8-bit video card.

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C) Macintosh II Hi-Res Display Card (4-Bit)
   Macintosh II Extended Hi-Res Display Card (8-Bit)
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These cards are compatible with the Quadra 840AV.

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D) Macintosh II Two-Page Video Card
   Macintosh II Portrait Display Card,
   Macintosh II Portrait Display Card,(DB15 connector)
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Apple does not recommend that these cards be used in the Macintosh AV
series. While they will not harm the computer, there are some timing
differences with certain cards.

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E) Macintosh Display Card 4•8
   Macintosh Display Card 4•8, Rev. B
   Macintosh Display Card 8•24
   Macintosh Display Card 8•24, Rev. B
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The Macintosh 4•8 and 8•24 cards are compatible with the Quadra 840AV.
If you're planning to use the Apple 16-inch or 21-inch color monitor with
either of these cards, Apple recommends the Rev. B ROM upgrade, available
from an Apple authorized service provider.

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F) Macintosh Display Card 8•24GC, Rev. A
   Macintosh Display Card 8•24GC, Rev. B
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The Rev A card is incompatible. The Rev B card is compatible, but
not in the accelerated mode.

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G) Macintosh Display Card 24AC
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The card is a 7-inch NuBus card and therefore compatible with the
Centris 660AV, Quadra 660AV and Quadra 840AV computers. The card can
suffer significant performance problems (speed) when used in its
accelerated mode.

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