



# Tech Info Library

## Macintosh Centris 660AV & Quadra 840AV: External Pinouts (3/96)

Article Created: 29 July 1993

Article Reviewed/Updated: 5 March 1996

TOPIC -----

This article gives the pin assignments and functions on the external connectors on the Quadra 840AV and Centris 660AV.

DISCUSSION -----

### External SCSI

Pin	Signal Description
1	Request
2	Message
3	Input/Output
4	SCSI bus reset
5	Acknowledge
6	Busy
7	Ground
8	Data bit 0
9	Ground
10	Data bit 3
11	Data bit 5
12	Data bit 6
13	Data bit 7
14	Ground
15	Command/Data
16	Ground
17	Attention
18	Ground
19	Select
20	Data parity
21	Data bit 1
22	Data bit 2
23	Data bit 4
24	Ground
25	Terminator power

Ethernet port

Pin	Signal Name	Signal Description
1	FN Pwr	Power (+12V @ 2.1W or +5V @ 1.9W)
2	DI-A	Data In circuit A
3	DI-B	Data In circuit B
4	VCC	Voltage Common
5	CI-A	Control In circuit A
6	CI-B	Control In circuit B
7	+5V	+5 volts (from host)
8	+5V	Secondary +5 volts (from host)
9	DO-A	Data Out circuit A
10	DO-B	Data Out circuit B
11	VCC	Secondary Voltage Common
12	NC	Reserved
13	NC	Reserved
14	FN Pwr	Secondary +12V @ 2.1W or +5V @ 1.9W
Shell	Protective Gnd	Protective Ground

Video out Port

Pin	Signal Description
1	Red Video Ground
2	Red Video
3	Composite Sync.
4	Monitor ID, Bit 1
5	Green Video
6	Green Video Ground
7	Monitor ID, Bit 2
8	No Connection
9	Blue Video
10	Monitor ID, Bit 3
11	CSYNC and VSYNC Ground
12	Vertical Sync.
13	Blue Ground
14	HSYNC Ground
15	Horizontal Sync.
Shell	Chassis Ground

Serial Ports (Printer and modem/GeoPort)

Printer Port

8	7	6
5	4	3
2	1	

Modem/GeoPort

8 7 6  
5 9 4 3  
2 1

Pin	Signal Description
1	Handshake Output DTR
2	Handshake Input CTS
3	Transmit Data (inverted)
4	Ground
5	Receive Data (inverted)
6	Transmit Data
7	No Connection
8	Receive Data
9	+5 Volts DC (GeoPort only)

ADB port

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4 3  
2 1

Pin	Signal Description
1	ADB Data
2	No Connection - reserved
3	+5 volts
4	Ground

Sound out port

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Pin	Signal Description
Sleeve	Ground
Ring	Right .75 volt peak-to-peak audio signal right channel
Ring	Left .75 volt peak-to-peak audio signal left channel

Microphone port

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Pin	Signal Description
Sleeve	Ground
Ring	+8 volts
Tip	Input

Article Change History:

05 Mar 1996 - Made minor changes to Ethernet pinouts.

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Keywords: cabinfo

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19960306 07:32:38.00

Tech Info Library Article Number: 12737