



# Tech Info Library

## Centris 610 & 650, Quadra 800: Port Pinouts (7/94)

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TOPIC -----

What are the port pinouts on the Macintosh Centris 610, Macintosh Centris 650, and Macintosh Quadra 800?

The information in this article relative to the Centris 610 and Centris 650 is also relevant to the Quadra 610 and Quadra 650.

DISCUSSION -----

The ports supplied with the Centris 610, Centris 650, and Quadra 800 are similar to those supplied with previous Macintosh models. (Note that Ethernet is an option on the Centris 610 and Centris 650.)

### Video out port Pinouts

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- |       |                        |
|-------|------------------------|
| 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)

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- |   |                          |
|---|--------------------------|
| 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

External SCSI port

- 
- 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

ADB ports

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

Ethernet port (Standard on Quadra 800, optional on Centris 610 & Centris 650.)

- 
- 1 No Connection
  - 2 Data Rcv A (RD-A)
  - 3 Data Rcv B (RD-B)
  - 4 Voltage Return (RTN)\*
  - 5 Control In A (CI-A)
  - 6 Control In B (CI-B)
  - 7 +5V @ 375 mA\*

8 +5V @ 375 mA\*  
9 Transmit Data A (TD-A)  
10 Transmit Data B (TD-B)  
11 Voltage Return (RTN)\*  
12 Reserved (RSV)  
13 Reserved (RSV)  
14 No Connection  
Shld Shield Ground (GND)

Sound out port

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- 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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- Sleeve Ground
- Ring +8 volts
- Tip Input

Article Change History:

28 Jul 1994 - Added reference to Quadra 610 and 650 to aid in searching.

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