



Tech Info Library

Macintosh LC III: New Processor Direct Slot (2/93)

Revised: 2/4/93
Security: Everyone

Macintosh LC III: New Processor Direct Slot (2/93)

=====

Article Created: 9 February 1993

TOPIC -----

This article describes the upgraded LC PDS (Processor Direct Slot) on the Macintosh LC III.

DISCUSSION -----

The Macintosh LC III supports a new kind of LC compatible PDS slot. It is now 114 pins, allowing support for 32-bit bus master cards while also supporting most existing 96-pin cards designed for the Macintosh LC and LC II.

This is achieved by a gap in the connector allowing a 96-pin card to fit. The connector is actually a 120-pin connector with pins 96 through 114 cut out. In profile, it looks something like this:

```
xxxxxxxxx      xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
x          x          x                               x
x          xxxxxxxxxx                               x
x                                                  x
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
120      112      106                               1
```

Some cards designed for the Macintosh LC and Macintosh LC II do not work in the Macintosh LC III because of space constraints or because they expect to be 16-bit bus masters.

Check with the manufacturer of a given card to make sure it's compatible with the Macintosh LC III.

Copyright 1993, Apple Computer, Inc.

Tech Info Library Article Number:11331