

CPC-2520 VGA/LCD Module for Mini Biscuit PC Startup Manual

Packing List

Before you begin installing your card, please make sure that the following materials have been shipped:

- 1 CPC-2520 VGA/LCD module for mini biscuit PC
- 1 CD-ROM, including SVGA utility programs and drivers for Windows 95/98/NT, and full User's Manual
- 1 warranty certificate
- This startup manual

If any of these items are missing or damaged, contact your distributor or sales representative immediately.

Note 1: For detailed contents of the CPC-2520, please refer to the enclosed CD-ROM (in PDF format).

Note 2: Acrobat Reader is required to view any PDF file. Acrobat Reader can be downloaded at: www.adobe.com/Prodindex/acrobat/readstep.html (Acrobat is a trademark of Adobe.)

Specifications

General

- Flat panel VGA interface
- **Chipset:** C&T 69000 VGA controller with Windows accelerator
- **Display memory:** 2 MB SDRAM in built-in chip
- **Display output:**
50-pin FPC connector for flat panel interface
12-pin FPC connector for VGA interface
- **Display type:** Supports CRT and flat panel (TFT, DSTN, and mono) displays. Can display both CRT and flat panel simultaneously
- **Resolution:** 640 x 480 @ 16 M colors
800 x 600 @ 16 M colors
1024 x 768 @ 64 K colors

Mechanical and Environmental

- **Power supply voltage:** +5 V (4.75 V ~ 5.25 V)
- **Max. power requirements:** +5 V @ 0.8 A
- **Operating temperature:** 0 ~ 60° C (32 ~ 140° F)
- **Board size:** 68 x 100 mm (2.7" x 3.9")
- **Weight:** 0.05 kg (0.11 lb)

For more information on this and other Advantech products, please visit our website at:

<http://www.advantech.com>
<http://www.advantech.com/epc>

For technical support and service, please visit our support website at:

<http://support.advantech.com>

This manual is for the CPC-2520.

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The board has a number of jumpers and connectors that allow you to configure your system to suit your application.

The table below lists the function of each of the board's jumpers and connectors:

Jumpers and connectors

Number	Function
SW1	LCD panel type setting
CN1	Reserved for VGA testing
CN2	LCD display connector
CN3	VGA display connector
CN4	PCI bus subset interface

Jumper Settings

SW1: LCD panel select

Panel #	SW1				Panel Type
	A	B	C	D	
1	ON	ON	ON	ON	1024 x 768 DSTN
2	OFF	ON	ON	ON	1280 x 1024 TFT
3	ON	OFF	ON	ON	640 x 480 DSTN
4	OFF	OFF	ON	ON	800 x 600 DST
5	ON	ON	OFF	ON	640 x 480 Sharp TFT
6	OFF	ON	OFF	ON	640 x 480 18-bit TFT
7	ON	OFF	OFF	ON	1024 x 768 36-bit TFT
8	OFF	OFF	OFF	ON	800 x 600 TFT
9	ON	ON	ON	OFF	800 x 600 TFT
10	OFF	ON	ON	OFF	800 x 600 TFT
11	ON	OFF	ON	OFF	800 x 600 DSTN
12	OFF	OFF	ON	OFF	800 x 600 DSTN
13	ON	ON	OFF	OFF	1024 x 768 TFT
14	OFF	ON	OFF	OFF	1280 x 1024 DSTN
15	ON	OFF	OFF	OFF	1024 x 600 DSTN
16	OFF	OFF	OFF	OFF	1024 x 600 TFT

