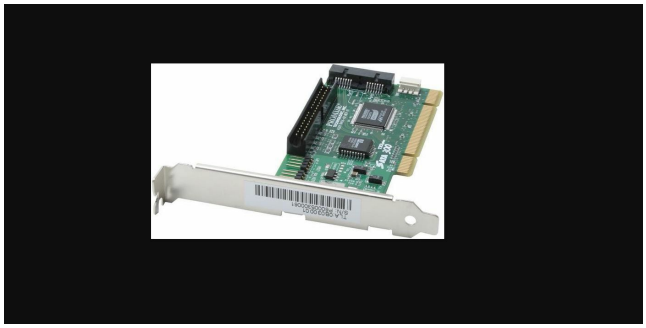
Manuals+ — User Manuals Simplified.



Newegg UN-102 IDE/FDD Controller Card User Manual

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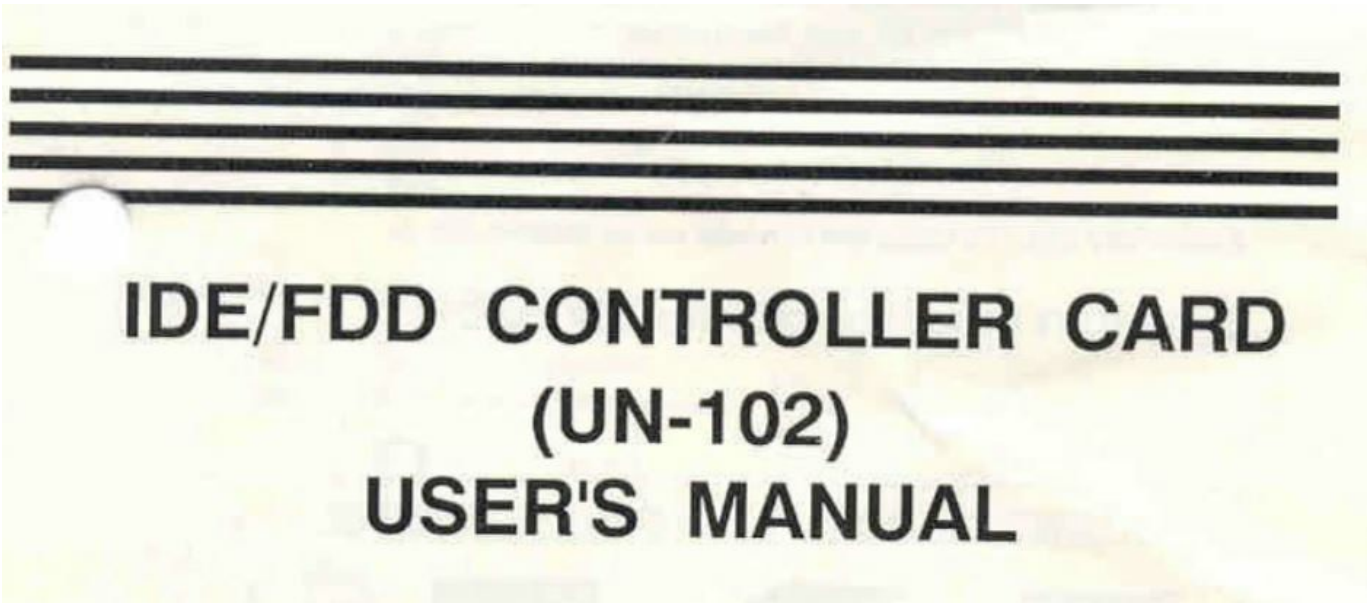

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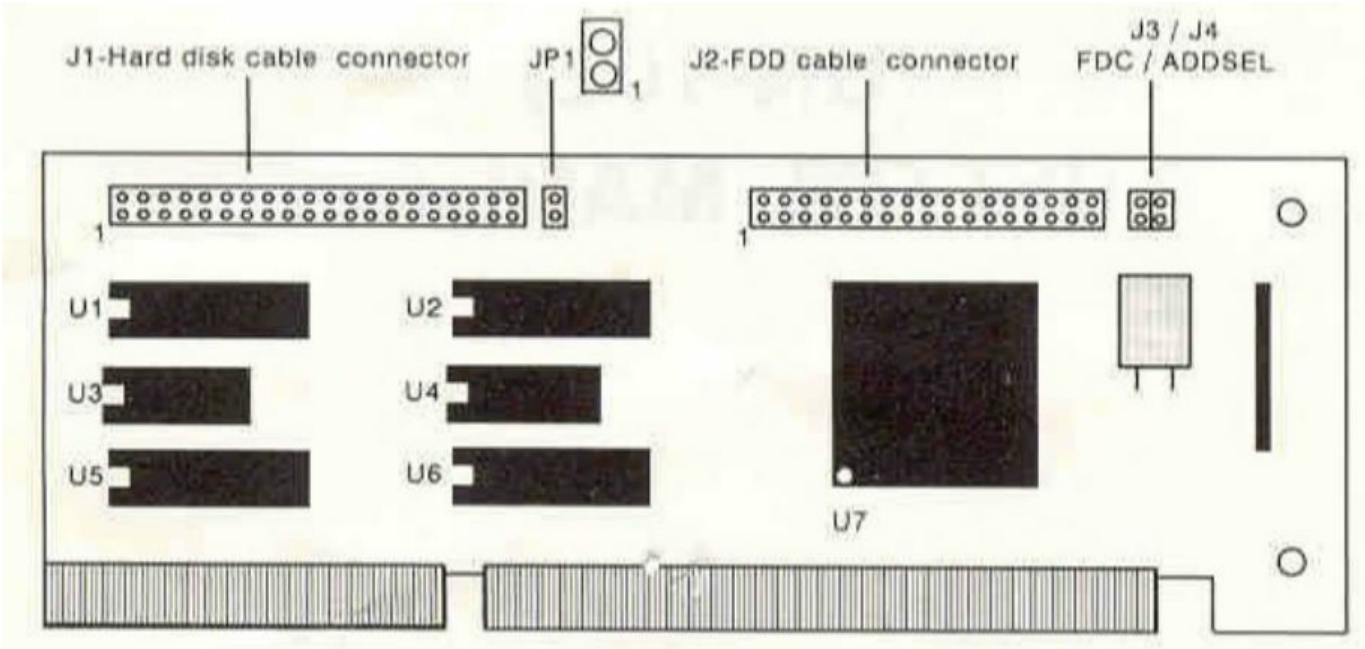
1. INTRODUCTION

This floppy disk controller Is fully compatible with IBM PC/AT. It can be connected to two floppy disk drives. Floppy disk drives that are supported include 360KB/1.2MB(5.25'1 or 720KB/1.44MB(3.5″). The IDE hard disk controller Is an advanced design wth roost to the controller circuitry embedded inside lye hard disk itself. Such a design improves reliability, reduces power and eliminates conventional Drive-Controller compatibility problems.

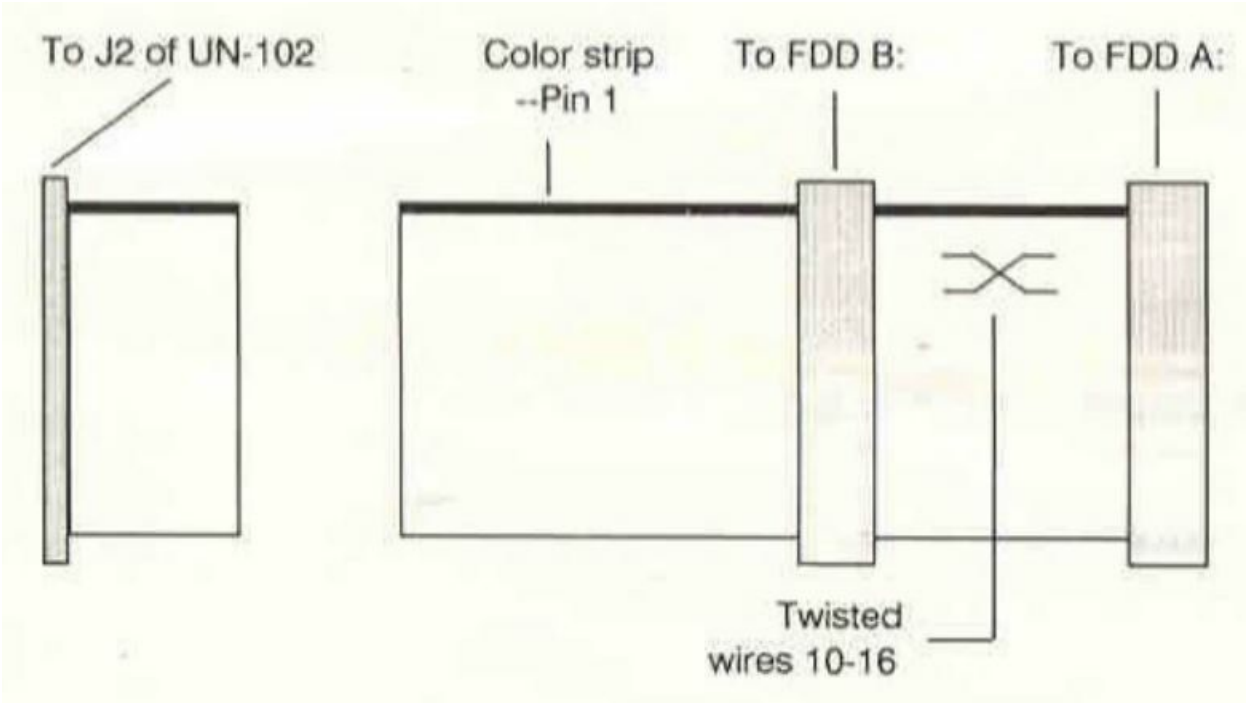
The floppy disk controller can be set to primary or secondary port with jumper J4 However, your system must have a BIOS that can suppor14 floppy disk drives If you do choo a sector, dray port, The disk Cormier can be disabled with J3.

2. LAYOUT OF IDE/FDD CONTROLLER CARD



3. CABLE DESCRIPTION

3.1 FLOPPY CABLE (34-woy)



4. JUMPER SETTING

Primary / Secondary FDD selection

		FDD	ADDRESS
J4 (out)*		Primary	3F0h - 3F7h
J4 (in)		Secondary	370h - 377h

Floppy Disk Controller enable/disable

J3 (out)		disabled
J3 (in)*		enabled

***Default setting**

5. INSTALLATION

1. Prepare your AT, 386 or compatible system. Power off the system and all related equipment.
2. Remove power cord from the system (safety first) and disconnect all other cables from the system (label them ii necessary).
3. Remove system unit cover for access.

4. Set Jumpers on UN-102.
5. Connect 34-way Floppy Disk cable to J2 (Pin 1 of cable has color strip) and connect 40- way Hard Disk cable to J1. {Pin i of cable has color strip)
6. Connect Hard Disk Active LED cable to JP1 . (Pin 1 of JP1 Is closer to IC U2)
7. Select a slot that is convenient for cable arrangement. Remove the screw or the back panel and pull it up.
8. Align and Insert UN-102 into the slot False the screw on the back panel.
9. Replace and secure the cover of the. System unit and re-connect the power cord and other externa cables.

6. CONNECTOR PIN ASSIGNMENTS

6.1 FLOPPY CONNECTOR (J2)

PIN#	I/O	SIGNAL NAME	PIN#	I/O	SIGNAL NAME
2	O	-REDUCED WRITE	4	-	RESERVED
6	O	-DRIVE SELECT 3	8	I	-INDEX
10	O	-DRIVE SELECT 0	12	O	-DRIVE SELECT 1
14	O	-DRIVE SELECT 2	16	O	-MOTOR ON
18	O	-DIRECTION SELECT	20	O	-STEP PULSE
22	O	-WRITE DATA	24	O	-WRITE ENABLE
26	I	-TRACK 00	28	I	-WRITE PROTECT
30	I	-READ DATA	32	O	-SIDE 1 SELECT
34	I	-DISKETTE CHANGE	1	All odd pins (one side of the connector) are GROUND.	

6.2 IOE HARO DISK CONNECTOR (J1)

PIN#	I/O	SIGNAL NAME	PIN#	I/O	SIGNAL NAME
1	O	-RESET	2	-	GROUND
3	I/O	HD7	4	I/O	HD8
5	I/O	HD6	6	I/O	HD9
7	I/O	HD5	8	I/O	HD10
9	I/O	HD4	10	I/O	HD11
11	I/O	HD3	12	I/O	HD12
13	I/O	HD2	14	I/O	HD13
15	I/O	HD1	16	I/O	HD14
17	I/O	HD0	18	I/O	HD15
19	-	GROUND	20	-	KEY
21	-	RESERVED	22	-	GROUND
23	O	-IOW	24	-	GROUND
25	O	-IOR	26	-	GROUND
27	I	IOCHRDY	28	O	ALE
29	-	RESERVED	30	-	GROUND
31	I	IRQ	32	I	-HIO16
33	O	HA1	34	I/O	-PDIAG
35	O	HA0	36	O	HA2
37	O	-CS0	38	O	-CS1
39	I/O	-ACTIVE	40	-	GROUND

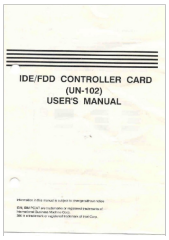
6.3 Hard Disk Active LEO cable connector – JP1

Pln1 Cathode Pln2 Anode

UN-102
First Edition 7 /91
Part no. 043033
Size: 9.8 X 14.0 CM

Primed In Hong Kong

Documents / Resources

	Newegg UN-102 IDE/FDD Controller Card [pdf] User Manual UN-102 IDE FDD Controller Card, UN-102 IDE, FDD Controller Card, Controller Card, Card

References

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