WESTERN DIGITAL CORPORATION
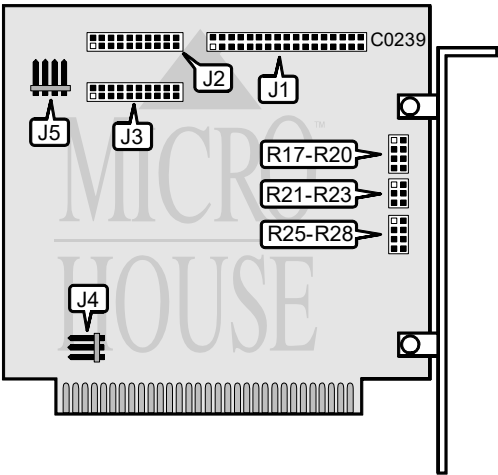# WDXT-GEN2, WDXT-GEN2 PLUS, WDXT-GEN2R

Data bus: 8-bit, PC/XT
Size: Half-length, full-height card
Hard drives supported: Two MFM ST506/412 drives (WDXT-GEN2/GEN2 PLUS)
                                 Two RLL ST506/412 drives (WDXT-GEN2R)
Floppy drives supported: None
Maximum heads/cyl.:   Maximum 8 heads and 1024 cylinders (WDXT-GEN2/GEN2 PLUS)
                                 Maximum 15 heads and 1024 cylinders (WDXT-GEN2R)

CONNECTIONS	
Function	Location
34-pin control cable connector-hard drive	J1
20-pin data cable connector-drive 0	J2
20-pin data cable connector-drive 1	J3
5-pin connector-DC power (optional)	J4
4-pin connector-drive active LED	J5

SECTORS AND CONFIGURATION OPTIONS FOR RLL TABLE (WDXT GEN2R)				
Sectors	Translation	Dynamic	R25	R26
í 17	yes	no	closed	open
26	no	yes	open	closed

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USER CONFIGURABLE SETTINGS

Function	Location	Setting
í Internal BIOS selected	R23	open
External BIOS selected	R23	closed
í Factory configured - do not alter (WDXT-GEN2/GEN2 PLUS)	R25	open
í Factory configured - do not alter (WDXT-GEN2/GEN2 PLUS)	R26	open
í IRQ5 select	R27	open
IRQ2 select	R27	closed
XT mode enabled	R28	open
XT mode disabled	R28	closed

DRIVE TYPE CONFIGURATION (WDXT-GEN2/GEN2 PLUS)

| | Drive 0 | | Drive 1 | | | | |
Table #	R17	R18	R19	R20	Capacity	Heads	Cyls.
í 3	open	open	open	open	21MB	4	615
0	closed	closed	closed	closed	21MB	4	612
1	open	closed	open	closed	10MB	4	306
2	closed	open	closed	open	10MB	2	615

DRIVE TYPE CONFIGURATION (WDXT-GEN2R)

| | Drive 0 | | Drive 1 | | | | |
Table #	R17	R18	R19	R20	Capacity	Heads	Cyls.
í 3	open	open	open	open	32MB	4	615
0	closed	closed	closed	closed	65MB	6	820
1	open	closed	open	closed	42MB	4	782
2	closed	open	closed	open	21MB	2	782

ADDRESS SELECTION

Controller Address	BIOS Address	R21	R22
í 320-323h	í C8000-C9FFFh	open	open
324-327h	CA000-CBFFFh	closed	open
328-32Bh	CC000-CDFFFh	open	closed
32C-32Fh	CE000-CFFFFh	closed	closed

MISCELLANEOUS TECHNICAL NOTES

The controller has a built-in low level format. To enter the program run the DEBUG utility supplied with DOS and at the prompt enter: G=C800:5