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Reference Manual

VL-HD1

Hard Disk Drive Cards for
VersaLogic STD/STD 32
Industrial Control Systems





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VL-HD1
Hard Disk Drive Cards for Versalogic STD/STD 32 Industrial Control Systems

REFERENCE MANUAL





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VL-HD1 Hard Disk Cards

This manual describes how to configure VersaLogic CPU cards to work properly with VersaLogic hard disk drives.

VersaLogic DOS-based processor cards require that the disk drive parameters be loaded into CMOS before the IDE disk drive controller will function properly.

Hard Disk Parameters

Hard disk drive parameters are set in CMOS, and are referred to by the DOS BIOS. Changes to CMOS are accomplished by pressing the DEL key during the bootup process, which opens the BIOS Setup screen. From the Setup screen you can change a variety of hardware configurations, including the hard disk drive parameters.

We recommend using the "Auto IDE Detect" function on the BIOS Setup screen to have the CPU card automatically read the parameters from the attached IDE drive.

VersaLogic hard disk drives use disk type numbers 47 and 48. The hard disk is usually declared as drive C:. The following table lists all configurations currently in use by VersaLogic.

Disk Drive	Cyln	Heads	Wpcom	Lzone	Sec	Size
VL-HD1-85	748	14	0	0	16	81 MB
VL-HD1-128	980	15	0	0	17	128 MB
VL-HD1-131	419	13	0	0	47	131 MB
VL-HD1-210	988	8	0	0	52	210 MB
VL-HD1-450	1024	15	0	0	60	450 MB

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