

Ultra SCSI (FAST-20) CardBus PC Card for PC

CB31U

allows
adding and removing
SCSI devices
without system
re-start



Features

- Supports Ultra SCSI rate up to 20MB/sec.
- 32bit DataBus and 33MHz operation .
- Supports Bus-Mastering data transfer.
- Ready for ACPI.
- Low power consumption.
- Supports scatter/gather and tagged queue .
- Linux Ready. Available for high-speed data backup.
- Supports Plug & Play, allows adding and removing SCSI devices without system re-start.

System Requirements









- Windows95B, 95C, 98, 98SE, Me, 2000, XP
- Linux Kernel 2.2, 2.4
- One Free CardBus PC Card Slot

Specifications

Bus interface	CardBus (PC Card Standard)
Bus rate	132MB/sec
Data transfer rate	20MB/sec with Ultra SCSI devices (synchronous) 10MB/sec with FAST SCSI devices (synchronous)
Termination type	Internal active termination provided.
Package includes	<ul style="list-style-type: none"> • CB31 Ultra SCSI CardBus PC Card • Hi-Density 50F to Centronics 50M adapter • Hi-Density 50pin cable (2feet) • CB31U software Floppy Disk <ul style="list-style-type: none"> - CB31 Driver for Windows95/98/Me - CB31 Driver for Windows2000 - CB31 Driver for Linux - SCSI configuration utility - Format utility • User's manual
Physical characteristics	54mm (W) x 85.6mm (D) x 5mm (H) (Type II), 25g
Operating requirements	CardBus PC Card slot Power Requirement: +3.3V, 130mA(idle), 300mA(MAX), 77mA(Power save mode) Temperature from 0°C to 55°C Relative humidity: 20% to 80% (non-condensing)

Bench Mark Testing Report

Dell Inspiron 7000 (CPU:366MHz, RAM:128MB, OS:Windows2000)
Seagate ST39103LW (SE mode),
Adaptec SlimSCSI 1460 (16bit Legacy PC Card)

Business Disk WinMark 99		
CB31U CardBus		18100
SlimSCSI1460(16bit)		1840
High-End Disk WinMark 99		
CB31U CardBus		18500
SlimSCSI1460(16bit)		1840
Disk Transfer Rate :Beginning		
CB31U CardBus		15300
SlimSCSI1460(16bit)		3090
Disk Transfer Rate :End		
CB31U CardBus		6020
SlimSCSI1460(16bit)		2950

(Kbyte/sec)

Device List

- [CD-R/W Drives] YAMAHA CRW4416SX, CRW6416SX, CRW8424S
- HP CD-Writer Plus 9210e, CD-writer 9600se
- TEAC CD-R551S, CD-R56S, CD-R824S
- Ricoh MP7040SE
- Plextor PX-R820, PX-8220Ti
- Other Ultra-SCSI or SCSI CD-R/W drives.
- [Film Scanner] Nikon CoolscanIII LS-30, Super CoolScan 2000
- Canon FS2710
- Other Ultra-SCSI or SCSI Film Scanner.
- [Scanner] Canon CanoscanFB620S
- EPSON Perfection 1200S, Expression 1800,
- Expression 1600
- Other Ultra-SCSI or SCSI Scanner
- [MO Drive] Olympus 640MO TURBO, 640MO TURBO LE, 640S II
- Fujitsu SMB-640D2
- [Other Removable Media] Iomega JazV2000S, Zip250
- Castlwood ORB 2.2GB
- [Hard Disk drives]

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