

Design Quality Assurance Certification Report

Report No. MIC-3645-C-2000-11-17

Product Model	MIC-3645
Product description	64bit Dual Channel Ultra160 SCSI(SYM53c1010-33)
Test reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB : A1-01-1 <input checked="" type="checkbox"/> BIOS: 4.18.00 <input type="checkbox"/> Renew <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS: <input type="checkbox"/> Revision change <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS: <input type="checkbox"/> Component:

2000-11-17
 Issue date

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 Manager

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 Assistant
 Manager

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 Test Engineer

Test result for certification

SCSI BIOS test							Result
Boot Order Test							Pass
SCSI Channel Control (Enabled / Disabled) Test							Pass
Scan SCSI Device Test							Pass
SCSI Device Setting Test							Pass
Low-Level Format Test							Pass
On-Board Self Diagnostic Test							Pass
Operation system compatible test							Result
Windows NT workstation 4.0 English version with service pack 6							Pass
Windows NT workstation 4.0 Chinese version with service pack 6							Pass
Windows NT workstation 4.0 Japanese version with service pack 6							Pass
Windows NT server 4.0 English version with service pack 6							Pass
Windows 98SE English version							Pass
Windows 98SE Chinese version							Pass
Windows ME English version							Pass
Windows ME Chinese version							Pass
Windows 2000 professional English version							Pass
Windows 2000 professional Chinese version							Pass
Netware 5.1							Pass
Linux Red Hat 7.0							Pass
SCO Unix Open server 5.0.5							Pass
Solaris 8							Pass
System and sub-system performance test							Result
CPU	750MHz*2	Memory	512MB	O.S	WIN NT Server 4.0 + SP6	HDD	IBM Ultrastar DDYS-T18350
Adaptec SCSI Bench32 Random I/O Base on 32KB							450
Adaptec SCSI Bench32 Sequential I/O Base on 32KB							19,195
Adaptec SCSI Bench32 Same Sector I/O Base on 32KB							19,354
Adaptec SCSI Bench32 Random I/O Base on 64KB							5,890
Adaptec SCSI Bench32 Sequential I/O Base on 64KB							32,496
Adaptec SCSI Bench32 Same Sector I/O Base on 64KB							104,628
Adaptec SCSI Bench32 Random I/O Base on 128KB							9,732
Adaptec SCSI Bench32 Sequential I/O Base on 128KB							32,320
Adaptec SCSI Bench32 Same Sector I/O Base on 128KB							122,621
Adaptec SCSI Bench32 Random I/O Base on 256KB							14,471
Adaptec SCSI Bench32 Sequential I/O Base on 256KB							34,532
Adaptec SCSI Bench32 Same Sector I/O Base on 256KB							21,089
Business Disk Winmark of winbenech99 v1.1 Base on Single Drive							6,740
High end Disk Winmark of winbench99 v1.1 Base on Single Drive							22,900
Business Disk Winmark of winbenech99 v1.1 Base on Stripe Set							8,380
High end Disk Winmark of winbench99 v1.1 Base on Stripe Set							28,000

Utility and driver test	Result
SCSI for DOS 6.22 (4.10.00)	Pass , Note ¹
SCSI for Windows 98SE (5.06.00)	Pass , Note ¹
SCSI for Windows ME (5.06.00)	Pass , Note ¹
SCSI for Windows 2000 (5.05.00)	Pass , Note ¹
SCSI for Windows NT 4.0 (5.05.00)	Pass , Note ¹
Red hat Linux 7.0 hardware compatible list for SCSI	Support , Note ¹
SCO Unix Open server 5.0.5 hardware compatible list for SCSI(4.11.00)	Support , Note ¹
Solaris 8 hardware compatible list for SCSI(4.07.00)	Support , Note ¹
FreeBSD 3.4 hardware compatible list for SCSI	Not Support
QNX R4.2.5 hardware compatible list for SCSI	Not Support
CPU Board compatible test	Result
MIC-3385 Rev.A1-03-1, BIOS Ver.385x115 for V1.10	Pass
SCSI HDD compatible test	Result
IBM Ultrastar DDYS-T18350, 18GB, Ultra160	Pass
SEAGATE BARRACUDA ST39236LW, 9.0GB, Ultra160	Pass
SCSI CD-ROM compatible test	Result
PLEXTOR PX-40TS, 40X	Pass
SCSI Channel Function test	Result
68-pin External U3W SCSI Connector of Channel 1	Pass
68-pin Internal U3W SCSI Connector of Channel 1	Pass
68-pin External U3W SCSI Connector of Channel 2	Pass
68-pin Internal U3W SCSI Connector of Channel 2	Pass
Miscellaneous test	Result
Channel 1 HDD LED	Pass
Channel 2 HDD LED	Pass
Power LED	Pass

Result Summary
Note ¹ Need to install the SCSI driver from external driver .