



AAEON Technology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

MB-668 Rev.A2.1

QE Compatibility Test Report

Release Date :Nov. 9, 2000

Issue Stamp

QA Manager

QE Manager

Test Engineer

Summary of contents :

Cover Sheet	1
Summary of contents	2
1. Performance	3
Includes performance indexes using various performance test software programs .	
2. Power consumption data	4
Includes +5V current rate .	
3. Hardware compatibility	5
Includes CPU , DRAM , adapter card and HDD compatibility tests.	
A. Component Compatibility- CPU	5
B. Component Compatibility- DRAM SIMM Module.....	5
C. Adapter Compatibility- VGA.....	5
D. Adapter Compatibility- LAN.....	6
E. Adapter Compatibility- SCSI Card.....	6
F. Adapter Compatibility- Other Card.....	6
G. Peripheral Compatibility- HDD Device.....	6
H. Peripheral Compatibility- Storage Device.....	7
I. Peripheral Compatibility- Others	7
J. Peripheral Compatibility- Input Device.....	8
K. On_Board Network Hardware (physical) Compatibility.....	8
4. Software compatibility	10
Includes various OS and application software tests.	
A. O.S. Compatibility- Novell Network O.S. V4.11.....	10
B. O.S. Compatibility- Windows 95.....	11
C. O.S. Compatibility- Windows 98.....	12
C-1. Microsoft Windows 98 Hardware Compatibility Test(HCT).....	13
D. O.S. Compatibility- Windows NT R4.0.....	14
E. O.S. Compatibility- DOS and DOS Utility Compatibility Testing.....	16
F. Word Processing/Spread Sheet Compatibility Testing.....	17
G. Business Graphics/DTP/DB Compatibility Testing.....	19

There are 3 test results in this document; they are described as follows:

Pass: It worked perfectly

Fail: Test failed, and to be modified in the next version

N/A: Outside of specifications or no test equipment

The test report would be tested and updated after version changed.

Quality Engineering Department of AAEON TECHNOLOGY INC.

1F, No.6, Alley 6, Lane 45, Pao-Hsin Rd,

Hsin-Tien City, Taipei, Taiwan , ROC

Tel: 886-2-29121234

Fax: 886-2-29130792

886-2-29130774

1 . Performance Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand:NEC D4564841G5-A80-9JF <input type="checkbox"/> 8 <input type="checkbox"/> 16 <input checked="" type="checkbox"/> 32 <input type="checkbox"/> 64 <input type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: 4.51PG
O.S. Environment	<input checked="" type="checkbox"/> MSDOS6.22 <input checked="" type="checkbox"/> Windows 98 <input type="checkbox"/> Windows NT <input type="checkbox"/>
VGA Card	<input checked="" type="checkbox"/> OnBoard C&T69000
VGA Memory	<input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M <input type="checkbox"/>
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : 3240AT
VGA Testing Mode	1024X768X256c (For WinStone & WinBench)
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL 8139C LAN

Operating System Environment (DOS Mode)

Config.sys	Autoexec.bat
Device=c:\dos\himem.sys dos=high,umb files=35 Buffers=40	Prompt \$p\$g c:\dos\smartdrv.exe /x

Testing Software

Testing Utility	CPU Type				Unit
	Pentium III 600	Pentium III 750	Pentium 850	Celeron 700	
LandMark Speed 2.0					
CPU	3796.00	4745.00	5377.69	4428.62	MHz
FPU	9627.09	12035.08	13639.73	11232.77	MHz
VIDEO	17873.00	17873.00	17873.00	16384	Chs/sec
Norton 8.0					
SI	1504.4	5157.4	238.8	5032.0	ID
Power Meter 2.02					
MIPS Test	284.4	355.5	406.3	355.5	Mips
WinStone 99					
HighEnd Graphic WinStone99	32.5	35.9	38.2	28.9	
Business Graphic Winstone99	25.2	26.6	27.3	22.4	
WinBench 99					
H.E. Graphic WinMark 99	455	530	579	458	MP/s
Business Graphic WinMark99	143	159	168	134	TB/s
CPUMark 99	55	66	72.9	44	
Coretest V3.02					
DTR (Buffered Read)	6128	6464	6528	5296	KB/Sec
Performance ID	42.03	44.03	44.41	37.07	

2 . Power Consumption

System Information:

DRAM Type & Capacity	NEC D4564841G5-A80-9JF 64MB
VGA Card	Onboard C&T 69000
DOC or Floppy	M-Systems DOC 16MB
O.S.	DOS6.22

Operating System Environment (DOS Mode)

Config.sys	Autoexec.bat
Device=c:\dos\himem.sys	Prompt \$p\$g
dos=high,umb	c:\dos\smartdrv.exe /x
files=35	
Buffers=40	

Test Software (DOS Mode):

Test Software	Landmark Speed V.2.0(Speed200.exe)
---------------	------------------------------------

Test Result:

A.ATX Power

Mode Type	CPU Type				Unit
	Pentium III 600	Pentium III 750	Pentium III 850	Celeron 700	
Normal Mode(+5V)	3.8	4.9	4.9	4.9	amp/max
Doze Mode(+5V)	3.5	3.8	4.0	3.4	amp/max
Suspend Mode(+5V)	3.4	3.7	3.9	3.3	amp/max
Standby Mode(+5V)	1.8	1.8	1.8	1.6	amp/max

Normal Model is measured while open system

Doze Model VGA controller is still enabled

STANDBY Model VGA controller is still enabled

SUSPEND Model all function off

3 . Hardware Compatibility

A. Component Compatibility- CPU

CPU Device List:

Brand	Device Model	Pass	Fail	Note
Intel	Pentium III 600	✓		
Intel	Pentium III 750	✓		
Intel	Pentium III 850	✓		
Intel	Celeron700	✓		

B. Component Compatibility- DRAM DIMM Module

DRAM DIMM Model List:

Brand	Device Model	Pass	Fail	Note
NEC	D451228841G5-A10-9JF 256MB	✓		
HYNDAI	HY57V658020 TC-10 128MB	✓		
NEC	D4564841G5-A80-9JF 128MB	✓		
NEC	D4564841G5-A10-9JF 128MB	✓		
LGS	GM72V661641CT7J 64MB	✓		
KINGMAX	KSV884T4A0 – 08 64MB	✓		
NEC	D4564841G5-A80-9JF 64MB	✓		
HYNDAI	HY57V168010D TC-10S 32MB	✓		
NEC	D4516821AG-A10-9NF 32MB	✓		
MICRO	MT48LC2M8A1 TG –10S 32MB	✓		

C. Adapter Compatibility- VGA Card

VGA Adapter List:

Brand	Device Model	Pass	Fail	Note
Onboard VGA	C&T 69000	✓		

D. Adapter Compatibility- LAN Card**Action:**

1. Load ODI Driver (Lsl,lpxodi,Vlm Or Netx)	2. Login To Server System
3. Transfer Data Between SRV And WK(Multy Task)	4. logout

LAN Adapter List:

Brand	Device Model	Pass	Fail	Note
3 COM	3C905-TX	✓		
3 COM	3C509B(ISA)	✓		
Intel	82557	✓		
Intel	82559	✓		
Intel	EtherExpress™ PRO/100 (ISA)	✓		

E. Adapter Compatibility- SCSI Card**SCSI Adapter List:**

Brand	Device Model	Pass	Fail	Note
Adaptec	AHA-1520B	✓		
Adaptec	AHA-2940U/UW	✓		
Adaptec	AHA-2940U2W	✓		

F. Adapter Compatibility- Other Card**Adapter Card List:**

Brand	Device Model	Pass	Fail	Note
MPEG Card				
YUAN	MPG-200C DVD MPEG-2	✓		
Sound Card (ISA)				
SYNNEX	ESS ES1868F	✓		
Sound Card (PCI)				
CREATIVE	ENSONIQ ES1370 Audio PCI	✓		
LEMEL	ESS ES1868F	✓		
Modem Card (PCI)				
GENUINE	MD5628D-L-A	✓		
GVC	F2000	✓		

G. Peripheral Compatibility-HDD Device**HDD List:**

Brand	Device Model	Pass	Fail	Note
Maxtor	90648D3	✓		
IBM	DTLA-307045 46.1GB	✓		
IBM	DHEA-34330 4.3GB	✓		
Western Digital	WD Caviar 26400 6.4GB	✓		

H.Peripheral Compatibility- Storage Device**Device List:**

Brand	Device Model	Pass	Fail	Note
CD-ROM				
TEACK	CD-540E	✓		
SONY	CDU4811	✓		
TEAC	CD-532E 32X	✓		
PIONEER	DVD-A03S	✓		
SAMPO	CDM-T631 36X	✓		
ZIP				
lomaga	Z100PP2	✓		
lomaga	Z100USB	✓		
LS-120				
Panasonic	LKM-F934-1	✓		
Fax/Modem				
LEMEL	MD336RSVD	✓		

I.Peripheral Compatibility- Others**Device List:**

Brand	Device Model	Pass	Fail	Note
RS-485 Port				
Adventech	Adam 401	✓		
USB Port				
lomaga	Z100USB	✓		
HP	ScanJet 4200C USB Scanner	✓		
Vcam	CU-98 USB Camara	✓		
Tekom	TekCam P35U USB Camara	✓		
D-Link	DU-560M	✓		
HP	P1000 Photo Smart	✓		
D-Link	DU-H4 HUB	✓		
D-Link	FU-E10 Ethernet Adapter	✓		
Parallel Port				
HP	P1000 Photo Smart	✓		
IR Port				
ACTiSYS	ACT-IR210L	✓		
HOYA	IrWave 520F	✓		

J. Peripheral Compatibility- Input Device**Input Device List:**

Brand	Device Model	Pass	Fail	Note
Keyboard				
Acer	6511-TW1C/B	✓		
LEMEL	E5XKB5121WTH0110	✓		
Mouse				
DEXIN	K3P800A	✓		
LOGITECH	M-M35	✓		

K. On Board Network Hardware (physical) Compatibility**System Information(Client Site):**

Board System	<input checked="" type="checkbox"/> MB-668
DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D4564841G5-A80-9JF <input type="checkbox"/> 8 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input checked="" type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
SYSTEM BIOS Ver.	<input checked="" type="checkbox"/> AWARD <input type="checkbox"/> AMI Ver:
O.S. Environment	<input checked="" type="checkbox"/> DOS6.22 <input checked="" type="checkbox"/> WINNT <input type="checkbox"/> NOVELL 4.11 <input type="checkbox"/>
VGA Card	<input checked="" type="checkbox"/> OnBoard C&T 69000 <input type="checkbox"/>
POWER SUPPLY	<input type="checkbox"/> MPU-250W <input type="checkbox"/> SSH-250G <input type="checkbox"/> SSH-350G <input checked="" type="checkbox"/> ST-250AF
IDE HDD TYPE	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj <input checked="" type="checkbox"/> IBM : DHEA-34330
LAN CARD	<input checked="" type="checkbox"/> OnBoard: RTL8139C
CD-ROM TYPE	<input type="checkbox"/> NEC <input type="checkbox"/> PANASONIC <input checked="" type="checkbox"/> PIONEER <input type="checkbox"/> CREATIVE : DVD-A035
Cable/Cable Length	CAT5 100M

System Information(Server Site):

Board System	<input checked="" type="checkbox"/> MB-668
DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: LGS GM72V661641CT7J <input type="checkbox"/> 8 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input checked="" type="checkbox"/> 64MB <input type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
SYSTEM BIOS Ver.	<input checked="" type="checkbox"/> AWARD <input type="checkbox"/> AMI Ver: 4.51PG
VGA Card	<input checked="" type="checkbox"/> OnBoard C&T 69000
O.S. Environment	<input checked="" type="checkbox"/> DOS6.22 <input checked="" type="checkbox"/> WINNT <input type="checkbox"/> NOVELL 4.11 <input type="checkbox"/>
IDE HDD TYPE	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj <input type="checkbox"/> IBM : Bigfoot 4.0AT
LAN CARD	<input checked="" type="checkbox"/> OnBoard: RTL-8139C
CPU Type	<input checked="" type="checkbox"/> Intel <input type="checkbox"/> Cyrix <input type="checkbox"/> AMD : Celeron 366 MHz
CD-ROM TYPE	<input type="checkbox"/> NEC <input type="checkbox"/> PANASONIC <input type="checkbox"/> PIONEER <input checked="" type="checkbox"/> CREATIVE : CD2423E
Cable/Cable Length	CAT5 100M

HUB Type: D-Link DES1008 10/100 Fast Ethernet Switch**Test Result:**

SUBJECT Network Hardware Function Testing				
Test Item		Pass	Fail	Note
Transceiver		✓		
Receiver		✓		
CRC error		✓		
Collision back-off generation		✓		
Auto-negotiation		✓		
100M Base-TX full duplex		✓		
100M Base-TX half duplex		✓		
10M Base-T full duplex		✓		
10M Base-T half duplex		✓		
SUBJECT Network Operation System Function Testing				
Test Item		Pass	Fail	Note
NetWare 4.11		✓		
Windows NT 4.0		✓		
Linux Unix		✓		
SUBJECT Network Performance Testing				
Test Item		Result		Note
NWTEST 24HR		Pass		

SUBJECT Workstation Application Function Testing				
Test Item		Pass	Fail	Note
Dos 6.22 for IPXODI		✓		
Dos 6.22 for package driver		✓		
Windows 3.1 for IPXODI		✓		
Windows 3.1 for package driver		✓		
WFW 3.11 for NDIS 2.0/3.0		✓		
WFW 3.11 for NDIS 3.0/ODI		✓		
Windows 95 for IPX/SPX		✓		
Windows 95 for NetBEUI		✓		
Windows 95 for TCP/IP		✓		
Windows 98 for IPX/SPX		✓		
Windows 98 for NetBEUI		✓		
Windows 98 for TCP/IP		✓		
Windows NT 4.0 for IPX/SPX		✓		
Windows NT 4.0 for NetBEUI		✓		
Windows NT 4.0 for TCP/IP		✓		
Transfer Data Between SRV And WK		✓		Mulity Task 12 Hours(NOTE 1.)

Note : 1.Mulity Task is that transfers files(copy/verify/delet) and VCD in the same time.

4 . Software Compatibility

A. O.S. Compatibility-Novell Network O.S./V 4.11

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand:NEC D4564841G5-A80-9JF <input type="checkbox"/> 8 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input checked="" type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: 4.51PG
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T69000
VGA Memory Capacity & Brand	Brand: C&T69000 Built-in <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input type="checkbox"/> VRAM <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M
CPU Type	<input checked="" type="checkbox"/> Intel <input type="checkbox"/> Cyrix <input type="checkbox"/> AMD:Celeron 400MHz
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> WD <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : Caviar26400 6.4GB
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input checked="" type="checkbox"/> Creative : CD2423E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL8139C LAN

Test Results:

Test Item	Pass	Fail	Note
Server Function Testing			
Install to IDE HDD	✓		Testing CPU:Celeron700MHz
Boot File Server From HDD	✓		
Down & Exit	✓		
Data Transfer	✓		
Workstation Function Testing			
Install to IDE HDD	✓		Testing CPU:Celeron 700MHz
Login	✓		
Logout	✓		
Data Transfer	✓		

B. O.S. Compatibility-Windows 95

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand:NEC D4564841G5-A80-9JF <input type="checkbox"/> 8 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input checked="" type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: 4.51PG
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T69000
VGA Memory Capacity & Brand	Brand: C&T69000 Built-in <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input type="checkbox"/> VRAM <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M
CPU Type	<input checked="" type="checkbox"/> Intel <input type="checkbox"/> Cyrix <input type="checkbox"/> AMD:Celeron 400MHz
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> WD <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : Caviar26400 6.4GB
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input checked="" type="checkbox"/> Creative : CD2423E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL8139C LAN

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	256	—	—	✓		
	32K	—	—	✓		
	64K	—	—	✓		
800X600	256	✓	✓	✓		
	32K	✓	✓	✓		
	64K	✓	✓	✓		
1024X768	256	✓	✓	✓		
	32K	✓	✓	✓		

Test Results:

Test Item	Pass	Fail	Note
Installation From CD/ROM			
Install to IDE HDD	✓		Testing CPU:Celeron 700MHz
Boot			
Boot Normal	✓		
Boot Logged (\BOOTLOG.TXT)	✓		
Boot Safe Mode	✓		
Boot Safe Mode & Network	✓		
Boot Step By Step Confirmation	✓		
Boot Command Prompt Only	✓		
Boot Safe Mode Command Prompt	✓		
Function Test			
Serial Mouse	✓		
FDD Format/Copy/Read/Write	✓		
PS/2 Mouse	✓		
System Clock	✓		
Keyboard Function Test			
Alt+F4 Quit a Program	✓		
Ctrl+Esc Display the Start Menu	✓		
Alt+Tab Switch To Last Windows	✓		
Ctrl+Alt+Del Close Program	✓		
F8 Start up Boot Up Menu	✓		
F4 Boot Up from Previous	✓		
Shutdown			
Shutdown the Computer	✓		
Shutdown Restart	✓		
Shutdown to MS-DOS Mode	✓		
Close all Prog. & Login Other User	✓		

C. O.S. Compatibility-Windows 98

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand:NEC D4564841G5-A80-9JF <input type="checkbox"/> 8 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input checked="" type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: 4.51PG
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T69000
VGA Memory Capacity & Brand	Brand: C&T69000 Built-in <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input type="checkbox"/> VRAM <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M
CPU Type	<input checked="" type="checkbox"/> Intel <input type="checkbox"/> Cyril <input type="checkbox"/> AMD:Celeron 400MHz
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> WD <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : Caviar26400 6.4GB
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input checked="" type="checkbox"/> Creative : CD2423E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL8139C LAN

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	256	—	—	✓		
	32K	—	—	✓		
	64K	—	—	✓		
800X600	256	✓	✓	✓		
	32K	✓	✓	✓		
	64K	✓	✓	✓		
1024X768	256		✓	✓		
	32K	✓	✓	✓		

Test Results:

Test Item	Pass	Fail	Note
Installation From CD/ROM			
Install to IDE HDD	✓		Testing CPU:Celeron 700MHz
Boot			
Boot Normal	✓		
Boot Logged (\BOOTLOG.TXT)	✓		
Boot Safe Mode	✓		
Boot Safe Mode & Network	✓		
Boot Step By Step Confirmation	✓		
Boot Command Prompt Only	✓		
Boot Safe Mode Command Prompt	✓		
Function Test			
Serial Mouse	✓		
FDD Format/Copy/Read/Write	✓		
PS/2 Mouse	✓		
System Clock	✓		
Keyboard Function Test			
Alt+F4 Quit a Program	✓		
Ctrl+Esc Display the Start Menu	✓		
Alt+Tab Switch To Last Windows	✓		
Ctrl+Alt+Del Close Program	✓		
F8 Start up Boot Up Menu	✓		
F4 Boot Up from Previous	✓		
Shutdown			

Shutdown the Computer	✓		
Shutdown Restart	✓		
Shutdown to MS-DOS Mode	✓		
Close all Prog. & Login Other User	✓		

C-1. Microsoft Windows 98 Hardware Compatibility Test(HCT)

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D451228841G5-A10-9JF <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input type="checkbox"/> 128 <input checked="" type="checkbox"/> 256MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: 4.51PG
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T69000
VGA Memory Capacity & Brand	Brand: C&T69000 Built-in <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input type="checkbox"/> VRAM <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M
CPU Type	<input checked="" type="checkbox"/> Intel <input type="checkbox"/> Cyrix <input type="checkbox"/> AMD:Celeron 700MHz
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> WD <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : Caviar 26400 6.4GB
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input checked="" type="checkbox"/> Creative : CD2423E
VGA Card & BIOS	Onboard C&T69000
Keyboard TYPE	Acer 6511-TW1C/B
FDD TYPE	TEAC FD-235HF
Mouse	LOGITECH M-CQ38
LAN CARD	RTL8139C
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL8139C LAN

Test Result:

HCT 7.6 Features Test	Pass	Fail	Remark
Virtual Dos Mach	✓		
DMPs Test	✓		
Video Playback	✓		
Extended BIOS Parameter Block	✓		
MCI CD Test	✓		
BCT API Test	✓		
INT 13 Extension	✓		
Disk(Stress) Individual Drive	✓		
Disk -CD (Stress)	✓		
Disk (Stress)	✓		
Coprocessor(Stress)	✓		
Net Class Dynamic	✓		
PCI I/O Space	✓		
PCI 2.1 (BIOS)	✓		
PCI 2.1 (Card)		✓	
Unreported I/O	✓		
Unreported Memory	✓		
PnP BIOS	✓		
APM 1.2	✓		
Media Class Dynamic Config		✓	
Wave Drift	✓		

D. O.S. Compatibility-Windows NT R4.0

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: HYNDAI HY57V168010D TC-10S <input type="checkbox"/> 16 <input checked="" type="checkbox"/> 32 <input type="checkbox"/> 64 <input type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: 4.51PG
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T69000
VGA Memory Capacity & Brand	Brand: C&T69000 Built-in <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input type="checkbox"/> VRAM <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M
CPU Type	<input checked="" type="checkbox"/> Intel <input type="checkbox"/> Cyrix <input type="checkbox"/> AMD : Celeron 700MHz
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : ST34520A 4GB
CD-ROM Type	<input type="checkbox"/> NEC <input checked="" type="checkbox"/> TEAC <input type="checkbox"/> Pioneer <input type="checkbox"/> Creative : CD-532E 32X
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL8139C LAN

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	256	—	—	✓		
	32K	—	—	✓		
	64K	—	—	✓		
800X600	256	✓	✓	✓		
	32K	✓	✓	✓		
	64K	✓	✓	✓		
1024X768	256	✓	✓	✓		
	32K	✓	✓	✓		

Test Results:

Test Item	Pass	Fail	Note
Installation From CD-ROM			
Install to IDE HDD	✓		Testing CPU:Celeron 700MHz
Boot			
Boot to Windows NT	✓		
Boot to MS-DOS	✓		
Last known good configuration	✓		
Original Configuration	✓		
Shutdown	✓		
Shutdown & Restart	✓		
CPU/Memory/File System			
Memory size less than 64MB	✓		
Memory size Larger than 64MB	✓		
Virtual memory	✓		
System tasking settings	✓		
FAT	✓		
NTFS	✓		
Network	✓		
System clock	✓		
Task switching	✓		
Function Test			
Serial Mouse	✓		
FDD Format/Copy/Read/Write	✓		
PS/2 Mouse	✓		
System Clock	✓		
Keyboard Function Test			
CapLock,NumLock,ScrLock	✓		

Ctrl+Alt+Del	✓		
Ctrl+Esc,Alt+Tab/Esc/Space	✓		
Alt+Tab,Alt+Esc,Alt+Space	✓		
Ctrl+Alt+Pause/Print Screen	✓		
Ctrl+Alt+F1~F12	✓		
COM Port			
Serial Mouse	✓		
Security/Audit/Control			
User manager	✓		
Server manager	✓		
Disk administrator	✓		
Performance monitor	✓		
User profile editor	✓		
Event Viewer	✓		
Windows NT Diagnostics	✓		

E. O.S. Compatibility-DOS and DOS Utility Compatibility Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: HYNDAI HY57V658020 TC-10 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input checked="" type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: 4.51PG
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T69000
VGA Memory Capacity & Brand	Brand: C&T69000 Built-in <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input type="checkbox"/> VRAM <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M
CPU Type	<input checked="" type="checkbox"/> Intel <input type="checkbox"/> Cyrix <input type="checkbox"/> AMD: Celeron700MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : 1700AT 1.7GB
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input checked="" type="checkbox"/> Pioneer <input type="checkbox"/> Creative : DVD-A03S
Driver or Utility	<input type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL8139C LAN

Test Results:

Test Item	Pass	Fail	Note
Installation From FDD			
Install to IDE HDD	✓		Testing CPU:Celeron 700MHz
Function Test			
Sysinfo Check (Before DOS Initialed)	✓		
System Clock(Compare to RTC CLK)	✓		
DOS Prompt	✓		
FDD Format/Copy/Read/Write	✓		
Serial Mouse	✓		
DOS Commander			
MSD.COM	✓		
EDIT.COM	✓		
EMM386.EXE	✓		
HIMEN.SYS	✓		
Norton Commander			
Key F1~F10 Function	✓		
Key Alt+F1~F10 Function	✓		
Key Ctrl+F1~F10 Function	✓		
Telex			
Setup Function	✓		
Connect with E288MX Fax	✓		
Dialing Function	✓		
File Upload Function	✓		
File Download Function	✓		
ET Ver3.53			
Installation Testing	✓		
16 Font Mode	✓		
24 Font Mode	✓		
Key: Ctrl+Esc Function	✓		
Sethrc Function	✓		
ET 2000			
Installation Testing	✓		
16 Font Mode	✓		
24 Font Mode	✓		
Key: Ctrl+Esc Function	✓		
Sethrc Function	✓		
ETFree Function	✓		

F. Word Processing/Spread Sheet Compatibility Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: HYNDAI HY57V658020 TC-10 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input checked="" type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: 4.51PG
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T69000
VGA Memory Capacity & Brand	Brand: C&T69000 Built-in <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input type="checkbox"/> VRAM <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M
CPU Type	<input checked="" type="checkbox"/> Intel <input type="checkbox"/> Cyrix <input type="checkbox"/> AMD: Celeron700MHz
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> WD <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : Caviar 26400 6.4GB
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input checked="" type="checkbox"/> Creative : CD2423E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL8139C LAN

Test Results:

Test Item	Pass	Fail	Note
Ami Pro 3.1			
File Function	✓		
Edit Function	✓		
View Function	✓		
Style Function	✓		
Page Function	✓		
Frame Function	✓		
Tools Function	✓		
Windows Function	✓		
Help Function	✓		
MS Word 6.0c			
File Function	✓		
Edit Function	✓		
View Function	✓		
Insert Function	✓		
Format Function	✓		
Tools Function	✓		
Table Function	✓		
Windows Function	✓		
Help Function	✓		
WordPerfect 6.1			
File Function	✓		
Edit Function	✓		
View Function	✓		
Insert Function	✓		
Format Function	✓		
Table Function	✓		
Graphics Function	✓		
Tools Function	✓		
Windows Function	✓		
Help Function	✓		
MS Works 3.0b			
File Function	✓		
Edit Function	✓		
View Function	✓		
Insert Function	✓		
Format Function	✓		
Tools Function	✓		
Windows Function	✓		
Help Function	✓		
Lotus 1-2-3 R5			
File Function	✓		

Edit Function	✓		
View Function	✓		
Style Function	✓		
Tools Function	✓		
Range Function	✓		
Windows Function	✓		
Help Function	✓		
MS Excel 5.0c			
File Function	✓		
Edit Function	✓		
View Function	✓		
Insert Function	✓		
Format Function	✓		
Tools Function	✓		
Data Function	✓		
Windows Function	✓		
Help Function	✓		
Quattro Pro 6.01			
File Function	✓		
Edit Function	✓		
View Function	✓		
Block Function	✓		
Notebook Function	✓		
Graphics Function	✓		
Tools Function	✓		
Windows Function	✓		
Help Function	✓		

G. Business Graphics/DTP/DB Compatibility Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: HYNDAI HY57V658020 TC-10 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input checked="" type="checkbox"/> 128MB <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/> Qty: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: 4.51PG
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T69000
VGA Memory Capacity & Brand	Brand: C&T69000 Built-in <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input type="checkbox"/> VRAM <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M
CPU Type	<input checked="" type="checkbox"/> Intel <input type="checkbox"/> Cyrix <input type="checkbox"/> AMD: Celeron700MHz
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> WD <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : Caviar 26400 6.4GB
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input checked="" type="checkbox"/> Creative : CD2423E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL8139C LAN

Test Results:

Test Item	Pass	Fail	Note
PageMaker 5.0a			
File Function	✓		
Edit Function	✓		
Utilities Function	✓		
Layout Function	✓		
Type Function	✓		
Element Function	✓		
Windows Function	✓		
Help Function	✓		
CorelDraw 5.0E2			
File Function	✓		
Edit Function	✓		
View Function	✓		
Layout Function	✓		
Arrange Function	✓		
Effects Function	✓		
Text Function	✓		
Special Function	✓		
Help Function	✓		
PowerPoint 4.0c			
File Function	✓		
Edit Function	✓		
View Function	✓		
Insert Function	✓		
Format Function	✓		
Tools Function	✓		
Draw Function	✓		
Windows Function	✓		
Help Function	✓		
DBase 5.0			
File Function	✓		
Edit Function	✓		
View Function	✓		
Report Function	✓		
Program Function	✓		
Table Function	✓		
Properties Function	✓		
Help Function	✓		
Paradox 5.0			
File Function	✓		
Edit Function	✓		
View Function	✓		

Table Function	✓		
Query Function	✓		
Properties Function	✓		
Tools Function	✓		
Record Function	✓		
Windows Function	✓		
Help Function	✓		
Access 2.0			
File Function	✓		
Edit Function	✓		
View Function	✓		
Security Function	✓		
Format Function	✓		
Record Function	✓		
Windows Function	✓		
Help Function	✓		