



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

EI7BM

QE Compatibility Test Report

Release Date :Sep. 13, 2000

Issue Stamp

QA Manager

QE Manager

Test Engineer

Summary of contents :

Cover Sheet	1
Summary of contents	2
1. Margin	3
Includes temperature, DC voltage and IDE cable length tests.	
2. Stability	4
Includes burn-in and booting tests .	
A. Burn-In Testing(25°C/24hrs).....	4
B. Burn-In Testing(Climatic Sequence/48hrs).....	4
C. Booting Testing(25°C).....	4
D. Booting Testing(Damp Heat,Cyclic/24hrs).....	4
3. Performance	5
Includes performance indexes using various performance test software programs .	
4. Power consumption data	7
Includes +5V current rate .	
5. Hardware compatibility	8
Includes CPU , DRAM , adapter card and HDD compatibility tests.	
A. Component Compatibility- CPU.....	8
B. Component Compatibility- DRAM SIMM Module.....	8
C. Adapter Compatibility- VGA.....	8
D. Adapter Compatibility- LAN.....	8
E. Adapter Compatibility- SCSI Card.....	9
F. Adapter Compatibility- SCSI Card.....	9
G. Adapter Compatibility- Others.....	9
H. Peripheral Compatibility- HDD Device.....	9
I . Peripheral Compatibility- Storage Device.....	9
J. Peripheral Compatibility- Others.....	9
K. Peripheral Compatibility- Input Device.....	10
L.On_Board Network Hardware (physical) Compatibility.....	10
6. Software compatibility	12
Includes various OS and application software tests.	
A. O.S. Compatibility- Novell Network O.S./V5.0.....	12
B. O.S. Compatibility- Linux RedHat 6.0 (Kernal 2.2.5).....	13
C. O.S. Compatibility- Windows 95.....	14
D. O.S. Compatibility- Windows 98.....	15
D-1. Microsoft Windows 98 Hardware Compatibility Test(HCT).....	16
E. O.S. Compatibility- Windows NT R4.0.....	17
F. O.S. Compatibility- Windows 2000 Professional.....	19
G. O.S. Compatibility- DOS and DOS Utility Compatibility Testing.....	21
H. Word Processing/Spread Sheet Compatibility Testing.....	22
I. Business Graphics/DTP/DB Compatibility Testing.....	24

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. Margin Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D4564163G5-A10-9JF <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: _____
O.S. Environment	<input checked="" type="checkbox"/> MSDOS6.22 <input type="checkbox"/> _____
VGA Card	<input checked="" type="checkbox"/> C&T 69000
DOC Type	Seagate ST34311A 4.3GB

Test Result:

High Temperature: 2 Hours							
Testing CPU: NS Geode GXLV-233	<input type="checkbox"/> COM1 LB	<input type="checkbox"/> COM2 LB	<input type="checkbox"/> LPT LB				
Test Program:	<input checked="" type="checkbox"/> QAPlus/FE V5.29	<input type="checkbox"/> AMIDIAG V4.50					
<input checked="" type="checkbox"/> 50°C	<input type="checkbox"/> 60°C	<input type="checkbox"/> 65°C	<input type="checkbox"/> 70°C	<input type="checkbox"/> 75°C	<input type="checkbox"/> 80°C	<input type="checkbox"/> 85°C	

Low Temperature: 2 Hours							
Testing CPU: NS Geode GXLV-233	<input type="checkbox"/> COM1 LB	<input type="checkbox"/> COM2 LB	<input type="checkbox"/> LPT LB				
Test Program:	<input checked="" type="checkbox"/> QAPlus/FEV5.29	<input type="checkbox"/> AMIDIAG V4.50	<input type="checkbox"/> 5°C	<input type="checkbox"/> 0°C			
<input checked="" type="checkbox"/> 0°C	<input type="checkbox"/> -10°C	<input type="checkbox"/> -15°C	<input type="checkbox"/> -20°C	<input type="checkbox"/> -25°C	<input type="checkbox"/> -30°C	<input type="checkbox"/> -35°C	<input type="checkbox"/> -40°C

High Voltage: 2 Hours/25°C							
Testing CPU: NS Geode GXLV-233	<input type="checkbox"/> COM1 LB	<input type="checkbox"/> COM2 LB	<input type="checkbox"/> LPT LB				
Test Program:	<input checked="" type="checkbox"/> QAPlus/FE V5.29	<input type="checkbox"/> AMIDIAG V4.50					
<input type="checkbox"/> A Grade: 5.20V	<input checked="" type="checkbox"/> B grade: 5.25V	<input type="checkbox"/> C Grade: 5.30V	<input type="checkbox"/> D Grade: 5.35V	<input type="checkbox"/> E Grade: 5.4V			

Low Voltage: 2 Hours/25°C							
Testing CPU: NS Geode GXLV-233	<input type="checkbox"/> COM1 LB	<input type="checkbox"/> COM2 LB	<input type="checkbox"/> LPT LB				
Test Program:	<input checked="" type="checkbox"/> QAPlus/FE V5.29	<input type="checkbox"/> AMIDIAG V4.50					
<input type="checkbox"/> A Grade: 4.80V	<input checked="" type="checkbox"/> B grade: 4.75V	<input type="checkbox"/> C Grade: 4.70V	<input type="checkbox"/> D Grade: 4.65V	<input type="checkbox"/> E Grade: 4.6V			

2 . Stability Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D4564163G5-A10-9JF <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 type="checkbox"/>
VGA Card	<input checked="" type="checkbox"/> C&T 69000
DOC Type	Seagate ST34311A 4.3GB

A. Burn-In Testing (24Hours)

Test Condition : Under Room Temp. 25°C

Test Software	Pass	Fail	Note
QAPlus/FE V5.29	✓		

B. Burn-In Testing (48 Hours)

Test Condition : Burn-In Under Temp. 0°C ~ 50°C (IEC-68-2-61)

Test Software	Pass	Fail	Note
Mulity Task	✓		

Note : 1.Mulity Task is that transfers files(copy/verify/delete)

C. Booting Testing

Test Condition : Under Room Temp. 25°C

Test Method	Actual	Successful	Failure rate	On time	Off Time	Note
Power On/Off 1000Times	1000	1000	0 %	20 Sec	5 Sec	
KB Reset 20 Times	20	20	0 %	20 Sec	5 Sec	

3 . Performance Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: D4564841G5-A10-9JF <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 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 checked="" type="checkbox"/> Windows NT
VGA Card	<input checked="" type="checkbox"/> C&T 69000
VGA Memory	<input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> IBM <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : DTLA – 307045 40GB
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 8139B LAN , ESS Solo-1 Sound

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 (Socket 370)							Unit
	Intel Celeron 366	Intel Celeron 400	Intel Celeron 433	Intel Celeron 466	Intel Celeron 500	Intel Celeron 533	Intel Celeron 600	
LandMark Speed 2.0								
CPU	2319.76	2530.64	2741.53	2952.45	3163.33	3374.22	3796.00	MHz
FPU	5865.79	6399.07	6932.36	7465.59	7998.81	8532.04	9525.72	MHz
VIDEO	11170	11170	11170	11170	11170	11170	11170	Chs/sec
Power Meter 2.02								
MIPS Test	177.7	189.6	218.8	237.0	237.0	258.5	316.0	Mips
Content Creation WinStone 2000 V1.0								
Content Creation WinStone 2000	13.4	14	14.5	15	15.5	15.9	16.9	
WinStone 99 V1.2								
HighEnd Graphic WinStone99	18.9	19.5	20.1	20.8	21.5	22	23.2	
Business Graphic Winstone99	18.8	19.1	19.5	20.2	20.5	20.7	21.4	
WinBench 99 V1.1								
H.E. Graphic WinMark 99	269	288	303	314	327	343	379	MP/s
Business Graphic WinMark99	90.3	94.8	97.6	101	105	107	115	TB/s
CPUmark 99	23.1	24.4	25.4	26.5	27.1	27.8	30.3	
Coretest V3.02								
DTR (Buffered Read)	7472	7488	7488	8000	8000	8016	8192	KB/Sec
Performance ID	56.43	56.52	56.52	59.07	59.07	59.16	60.21	
Wintech V1.2								
Overall WinTach RPM	378.67	392.84	403.23	413.54	434.65	441.33	455.88	

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: D4564841G5-A10-9JF <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 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 checked="" type="checkbox"/> Windows NT
VGA Card	<input checked="" type="checkbox"/> C&T 69000
VGA Memory	<input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : ST34311A 4.3GB
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 8139B LAN , ESS Solo-1 Sound

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 (Socket 370)					Unit
	Intel Pentium III 550	Intel Pentium III 600	Intel Pentium III 700	Intel Pentium III 750	Intel Pentium III 850	
LandMark Speed 2.0						
CPU	3479.67	3796.04	4428.71	4745.05	5377.69	MHz
FPU	8732.10	9525.95	11113.69	11907.47	13495.17	MHz
VIDEO	16384	16384	16384	16384	16384	Chs/sec
Power Meter 2.02						
MIPS Test	284.4	284.4	355.5	355.3	406.3	Mips
Content Creation WinStone 2000 V1.0						
Content Creation WinStone 2000	20.4	21.3	22.8	23.4	25	
WinStone 99 V1.2						
HighEnd Graphic WinStone99	29.3	30.5	32.5	33.2	35.7	
Business Graphic Winstone99	27.4	28.2	29.4	29.9	30.9	
WinBench 99 V1.1						
H.E. Graphic WinMark 99	411	432	478	502	535	MP/s
Business Graphic WinMark99	133	138	148	152	158	TB/s
CPUmark 99	45.1	48.2	53.5	56.2	61	
Coretest V3.02						
DTR (Buffered Read)	8848	9488	10048	10144	10144	KB/Sec
Performance ID	64.62	68.43	71.76	72.33	72.33	

4 . Power Consumption

System Information:

DRAM Type & Capacity	NEC D4564163G5-A10-9JF 32MB
VGA Card	C&T 69000
DOC or Floppy	AAEON PCM-3528 rev1.0
O.S.	DOS6.22

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

Test Software (DOS Mode):

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

Test Result:

A.AT Power

Mode Type	CPU Type (Socket 370)							Unit
	Celeron 366	Celeron 400	Celeron 433	Celeron 466	Celeron 500	Celeron 533	Celeron 600	
Normal Mode(+5V)	4.7	4.9	5.1	5.1	5.5	5.8	4.2	amp/max
Doze Mode(+5V)	3.4	3.5	3.6	3.6	3.8	4.0	3.2	amp/max
Standby Mode(+5V)	3.4	3.5	3.6	3.6	3.8	3.9	3.2	amp/max
Suspend Mode(+5V)	2.1	2.2	2.2	2.3	2.3	2.3	2.3	amp/max

Mode Type	CPU Type (Socket 370)						Unit
	Pentium III 550	Pentium III 600	Pentium III 700	Pentium III 750	Pentium III 850		
Normal Mode(+5V)	4.4	4.7	5.1	5.4	5.8		amp/max
Doze Mode(+5V)	3.3	3.5	3.7	3.8	4		amp/max
Standby Mode(+5V)	3.3	3.5	3.7	3.8	4		amp/max
Suspend Mode(+5V)	2.3	2.4	2.3	2.4	2.4		amp/max

Note :

- 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

5 . Hardware Compatibility

A. Component Compatibility- CPU

CPU Device List:

Brand	Device Model	Pass	Fail	Note
Intel	Celeron 366 MHz (66x5.5)	✓		
Intel	Celeron 400 MHz (66x6.0)	✓		
Intel	Celeron 433 MHz (66x6.5)	✓		
Intel	Celeron 466 MHz (66x7.0)	✓		
Intel	Celeron 500 MHz (66x7.5)	✓		
Intel	Celeron 533 MHz (66x8.0)	✓		
Intel	Celeron 600 MHz (66x9.0)	✓		
Intel	Pentium III 550 MHz (100x5.5)	✓		
Intel	Pentium III 600 MHz (100x6.0)	✓		
Intel	Pentium III 700 MHz (100x7.0)	✓		
Intel	Pentium III 750 MHz (100x7.5)	✓		
Intel	Pentium III 850 MHz (100x8.5)	✓		

B. Component Compatibility- DRAM DIMM Module

DRAM DIMM Model List:

Brand	Device Model	Pass	Fail	Note
NEC	D4564163G5-A10-9JF 32MB	✓		
TOSHIBA	TC59S6408CFT-80 64MB	✓		
NEC	D4564841G5-A10-9JF 128MB	✓		
NEC	D45128841G5-A10-9JF 256MB	✓		
NEC	D4564841G5-A80-9JF 64MB	✓		

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(Mulity Task)	4. logout

LAN Adapter List:

Brand	Device Model	Pass	Fail	Note
Onboard REL	RTL8139B	✓		

LAN Adapter List:

Brand	Device Model	Pass	Fail	Note
Intel	82557	✓		
Intel	82559	✓		
Intel	EtherExpress™ PRO/100 (ISA)	✓		
D-Link	DFE-500TX	✓		
D-Link	DFE-540TX	✓		
3 COM	3C905B-TX	✓		

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

Brand	Device Model	Pass	Fail	Note
Onboard Sound	ESS Solo-1	✓		

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

Brand	Device Model	Pass	Fail	Note
Adaptec	AHA-2940U/UW	✓		
Adaptec	AHA-1520 (ISA)	✓		

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

Brand	Device Model	Pass	Fail	Note
MPEG Card				
YUAN	MPG-200C DVD MPEG-2	✓		
Modem Card (PCI)				
SmartLink	5634PEW 56000bps Win modem	✓		

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

Brand	Device Model	Pass	Fail	Note
Seagate	ST34311A 4.3GB	✓		
IBM	DPTA-372050 20GB	✓		
IBM	DTLA-307045 40GB	✓		
Quantum	Fireball LB5100AT 5.1GB	✓		
Maxtor	94098U8 40GB	✓		

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

Brand	Device Model	Pass	Fail	Note
CD/DVD ROM				
TEAC	CD-224E 24X	✓		
Pioneer	DVD-A03S	✓		
ZIP				
lomega	Z100P2	✓		
LS-120				
Panasonic	LKM-F934-1	✓		
Fax/Modem				
Cyber Lander	Rock Modem E210 V.90 56K	✓		
LEMEL	MD336RSVD 56K	✓		

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

Brand	Device Model	Pass	Fail	Note
RS-485 Port				
Adventech	Adam 401			
USB Port				
WINTEK	AM-737-U USB Mouse	✓		
WINTEK	AM-767-U USB Mouse	✓		
DEXIN	A2U800A USB Mouse	✓		
Solidtek	ACK-298 USB Keyboard	✓		
BTC	7932 USB Keyboard	✓		
Vcam	CU-98 USB Camara	✓		
Tekom	TekCam P35U USB Camara	✓		
HP	ScanJet 4200C USB Scanner	✓		
HP	Photo Smart P1000 USB Printer	✓		
D-Link	DU-E10 Ethernet Adapter	✓		
D-Link	DU-H4 USB HUB	✓		
D-Link	DU-560M USB modem	✓		
lomega	Z100USB ZIP	✓		
Parallel Port				
HP	Photo Smart P1000 USB Printer	✓		
iMars	MA01 MP3 Player	✓		
IR Port				
ACTISYS	ACT-IR210L	✓		
HOYA	Irwave 520F	✓		

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

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

L. On_Board Network Hardware (physical) Compatibility**System Information(Client Site):**

Board System	<input checked="" type="checkbox"/> EI7BM
DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: D4564841G5-A10-9JF <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 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
O.S. Environment	<input checked="" type="checkbox"/> DOS6.22 <input checked="" type="checkbox"/> WINNT ___ <input type="checkbox"/> NOVELL ___
VGA Card	<input checked="" type="checkbox"/> C&T 69000
POWER SUPPLY	<input type="checkbox"/> MPU-250W <input type="checkbox"/> SSH-250G <input type="checkbox"/> SSH-350G <input checked="" type="checkbox"/> MPE-8071
IDE HDD TYPE	<input type="checkbox"/> Max <input checked="" type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj <input type="checkbox"/> IBM : ST34311A 4.3GB
LAN CARD	<input checked="" type="checkbox"/> OnBoard: RTL8139B
CD-ROM TYPE	<input type="checkbox"/> NEC <input checked="" type="checkbox"/> TEAC <input type="checkbox"/> PIONEER <input type="checkbox"/> CREATIVE : CD-224E
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"/> WINNT4.0 <input checked="" type="checkbox"/> NOVELL 4.11 <input checked="" type="checkbox"/> NOVELL 5.0
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-8139B
CPU Type	<input checked="" type="checkbox"/> Intel <input type="checkbox"/> Cyrix <input type="checkbox"/> AMD : Celeron 466 MHz
CD-ROM TYPE	<input type="checkbox"/> NEC <input checked="" type="checkbox"/> TEAC <input type="checkbox"/> PIONEER <input type="checkbox"/> CREATIVE : CD-540E
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		✓		Multy Task 12 Hours(NOTE 1.)

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

6 . Software Compatibility

A. O.S. Compatibility-Novell Network O.S./V 5.0

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 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 <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 600MHz
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : ST34311A 4.3GB
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 : RTL 8139B LAN , ESS Solo-1 Sound

Test Results:

Test Item	Pass	Fail	Note
Server Function Testing			
Install to IDE HDD	✓		Testing CPU:Celeron 600 MHz
Boot File Server From HDD	✓		
Down & Exit	✓		
Data Transfer	✓		
Workstation Function Testing			
Install to IDE HDD	✓		Testing CPU:Celeron 600 MHz
Login	✓		
Logout	✓		
Data Transfer	✓		

B. O.S. Compatibility -Linux RedHat 6.0 (kernel 2.2.5)**System Information:**

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: D45128841G5-A10-9JF <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input checked="" type="checkbox"/> 128 <input type="checkbox"/> 256MB <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: 4.51GP
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard: C&T 69000
VGA Memory Capacity & Brand	Brand: C&T69000 <input type="checkbox"/> DRAM <input checked="" 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: Pentium III 850 MHz
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> WD : ST34311A 4.3GB
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input checked="" type="checkbox"/> Creative :CD48341
Driver or Utility	<input checked="" type="checkbox"/> RTL 8139B LAN <input checked="" type="checkbox"/> C&T69000

Test Result:

Test Item	Pass	Fail	Note
Subject Installation to HDD			
Install from CD-ROM	✓		Testing CPU: Pentium III 850 MHz
Subject Base Function			
Default Booting	✓		
Failsafe Booting	✓		
Gnome work plane	✓		
KDE work plane	✓		
Reboot	✓		
Logout	✓		
Halt	✓		
Subject Xf86config Setup(3.3.3.1)			
Xf86config	✓		BIOS adjust to 1024x768 VGA Mode
XF86Setup	✓		
X -probeonly >	✓		
Subject X Windows Function			
Netscape 4.51	✓		
Work space switching	✓		
Ctrl+alt+back space	✓		
Ctrl+alt+F1	✓		
Ctrl+alt+F7	✓		
Ctrl+alt +/-	✓		
Subject Xterm Function			
Dmesg	✓		
adduser ` passwd	✓		
Ping	✓		
ls ` cp ` rm ` mv ` tar ` gzip	✓		
mkdir ` rmdir	✓		
Subject Mount Function			
Floppy ` CD-ROM ` HD	✓		
MSDOS FAT	✓		
Windows 98 FAT	✓		

C. O.S. Compatibility-Windows 95

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand:TOSHIBA TC59S6408CFT-80 <input type="checkbox"/> 8 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input checked="" 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 Memory Capacity & Brand	Brand: C&T 69000 <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" 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"/> NS <input type="checkbox"/> AMD: PentiumIII 850 MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> WD <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : Fireball LB5100AT
CD-ROM Type	<input type="checkbox"/> NEC <input checked="" type="checkbox"/> TEAC <input type="checkbox"/> Pioneer <input type="checkbox"/> Creative : CD-224E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL 8139B LAN , ESS Solo-1 Sound

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	16	—	—	✓		
	256	—	—	✓		
	32K	—	—	✓		
800X600	256	✓	✓	✓		
	32K	✓	✓	✓		
1024X768	256	✓	✓	✓		
	32K	✓	✓	✓		

Test Results:

Test Item	Pass	Fail	Note
Installation From CD/ROM			
Install to IDE HDD	✓		Testing CPU: Pentium III 850 MHz
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	✓		

D. O.S. Compatibility-Windows 98

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand:NEC D4564841G5-A10-9JF <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 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 Memory Capacity & Brand	Brand: C&T 69000 <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: Pentium III 850 MHz
HDD Type	<input type="checkbox"/> Max <input checked="" type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : ST34311A 4.3GB
CD-ROM Type	<input type="checkbox"/> NEC <input checked="" type="checkbox"/> TEAC <input type="checkbox"/> Pioneer <input type="checkbox"/> Creative : CD-224E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL 8139B LAN , ESS Solo-1 Sound

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	16	—	—	✓		
	256	—	—	✓		
	32K	—	—	✓		
800X600	256	✓	✓	✓		
	32K	✓	✓	✓		
1024X768	256	✓	✓	✓		
	32K	✓	✓	✓		
1280X1024	256	✓	✓	✓		
1600X1200	256	✓	✓	✓		Display device:Both

Test Results:

Test Item	Pass	Fail	Note
Installation From CD-ROM			
Install to IDE HDD	✓		Testing CPU: Pentium III 850 MHz
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	✓		

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

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D4564841G5-A10-9JF <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input checked="" type="checkbox"/> 128 <input type="checkbox"/> 256MB <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 Memory Capacity & Brand	Brand: C&T 69000 <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: Pentium III 850 MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> WD <input type="checkbox"/> Con <input type="checkbox"/> Qua <input checked="" type="checkbox"/> IBM : DPTA-372050 20GB
CD-ROM Type	<input type="checkbox"/> NEC <input checked="" type="checkbox"/> TEAC <input type="checkbox"/> Pioneer <input type="checkbox"/> Creative : CD-224E
VGA Card & BIOS	C&T 69000
Keyboard TYPE	Acer 6511-TW1C/B
FDD TYPE	TEAC FD-05HG
Mouse	LOGITECH M-CQ38
LAN CARD	RTL8139B
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL 8139B LAN , ESS Solo-1 Sound

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	—		

Note : PCI 2.1 (Card) / Media Class Dynamic Config fail

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

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D4564163G5-A10-9JF <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	Onboard C&T 69000
VGA Memory Capacity & Brand	Brand: C&T 69000 <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"/> NS <input type="checkbox"/> AMD : Pentium III 850 MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : Fireball LB5100AT
CD-ROM Type	<input type="checkbox"/> NEC <input checked="" type="checkbox"/> TEAC <input type="checkbox"/> PIONEER <input type="checkbox"/> CREATIVE : CD-224E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL 8139B LAN , ESS Solo-1 Sound

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	16	—	—	✓		
	256	—	—	✓		
	32K	—	—	✓		
	64K	—	—	✓		
800X600	256	✓	✓	✓		
	32K	✓	✓	✓		
	64K	✓	✓	✓		
1024X768	256	✓	✓	✓		
	32K	✓	✓	✓		
1280X1024	256	✓	✓	✓		

Test Results:

Test Item	Pass	Fail	Note
Installation From CD-ROM			
Install to IDE HDD	✓		Testing CPU: Pentium III 850 MHz
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	✓		
Nwtwork	✓		
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	✓		

F. O.S. Compatibility-Windows 2000 Professional**System Information:**

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: D45128841G5-A10-9JF <input type="checkbox"/> 8 <input type="checkbox"/> 16 <input type="checkbox"/> 32 <input type="checkbox"/> 64 <input checked="" type="checkbox"/> 256MB <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: Rev1.0
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T 69000
VGA Memory Capacity & Brand	Brand: C&T69000 <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" 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	Intel Pentium III 750MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : Fireball LB5100AT 5.1GB
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input type="checkbox"/> Creative <input checked="" type="checkbox"/> TEAC : CD-532E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL 8139B LAN , ESS Solo-1 Sound

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	16	—	—	✓		
	256	—	—	✓		
	32K	—	—	✓		
	64K	—	—	✓		
800X600	16	✓	✓	✓		
	256	✓	✓	✓		
	32K	✓	✓	✓		
	64K	✓	✓	✓		
1024X768	256	✓	✓	✓		
	32K	✓	✓	✓		
1280X1024	256	✓	✓	✓		

Test Results:

Test Item	Pass	Fail	Note
Installation From CD/ROM			
Install English to IDE HDD	✓		Testing CPU:Pentium III 750MHz
Install Traditional Chinese to IDE HDD	✓		Testing CPU:Celeron 500 MHz
Windows 2000 Advanced Options Menu			
Safe Mode	✓		
Safe Mode with Networking	✓		
Safe Mode with Command Prompt	✓		
Enable Boot Logging	✓		
Enable VGA Mode	✓		
Last known Good Configuration	✓		
Directory Services Restore Mode (windows 2000 domain controllers only)	✓		
Debugging Mode	✓		
Boot Normally	✓		
Return to OS Choices Menu	✓		

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	✓		
Alt+Esc Switch Windows	✓		
Ctrl+Alt+Del Windows Security Window	✓		
F8 Start up Windows 2000 Advanced Options Menu Menu	✓		
Shutdown			
Log off User	✓		
Shut down	✓		
Restart	✓		

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

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D4564841G5-A10-9JF <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&T 69000 <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" 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: Pentium III 850 MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : Fireball LB5100AT 5.1GB
CD-ROM Type	<input type="checkbox"/> NEC <input checked="" type="checkbox"/> TEAC <input type="checkbox"/> PIONEER <input type="checkbox"/> CREATIVE : CD-224E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL 8139B LAN , ESS Solo-1 Sound

Test Results:

Test Item	Pass	Fail	Note
Installation From FDD			
Install to IDE HDD	✓		Testing CPU: Pentium III 850 MHz
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	✓		

H. Word Processing/Spread Sheet Compatibility Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D4564841G5-A10-9JF <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 Memory Capacity & Brand	Brand: C&T 69000 <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: Pentium III 850MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : Fireball LB5100AT 5.1GB
CD-ROM Type	<input type="checkbox"/> NEC <input checked="" type="checkbox"/> TEAC <input type="checkbox"/> PIONEER <input type="checkbox"/> CREATIVE : CD-224E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL 8139B LAN , ESS Solo-1 Sound

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	✓		

I. Business Graphics/DTP/DB Compatibility Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D4564841G5-A10-9JF <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 Memory Capacity & Brand	Brand: C&T 69000 <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" 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: Pentium III 850MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : Fireball LB5100AT 5.1GB
CD-ROM Type	<input type="checkbox"/> NEC <input checked="" type="checkbox"/> TEAC <input type="checkbox"/> PIONEER <input type="checkbox"/> CREATIVE : CD-224E
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : RTL 8139B LAN , ESS Solo-1 Sound

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	✓		

※ Problem List :

1. Windows 98 + HCT 7.6 , 經測試在 1)PCI 2.1 card ; 2) Media Class Dynamic Config fail ,
2. Sound 的部份, MIC 測試時音量很小, 該線路可能未經過放大