AAEON

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

PCM-4898

QE Compatibility Test Report

Release Date :Aug. 14, 2000

| Issue Stamp | QA Manager | QE Manager | Test Engineer |

Summary of contents :

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 D4516821AG-A10-9NF ☐16 ■32 ☐64☐128MB ☐DRAM■SDRAM☐SODIMM ☐_____ Qty: ■1 ☐2 ☐3 ☐4
System BIOS Version	■Award ☐AMI Ver: 4.51PG
O.S. Environment	■MSDOS6.22 ☐_____
VGA Card	■OnBoard NS Geode CS5530A
DOC Type	M-System DOC2000 ☐4MB ☐8MB ■16MB ☐24MB ☐___MB

Test Result:

High Temperature: 2 Hours							
Testing CPU: Cyrix GXm-266P		☐ COM1 LB		☐ COM2 LB		☐ LPT LB	
Test Program:	■ QAPlus/FE V5.29			☐ AMIDIAG V4.50			
☐55℃	☐60℃	☐65℃	■70℃	☐ 75℃	☐ 80℃	☐ 85℃	

Low Temperature: 2 Hours							
Testing CPU: Cyrix GXm-266P		☐ COM1 LB		☐ COM2 LB		☐ LPT LB	
Test Program:	■ QAPlus/FEV5.29	☐ AMIDIAG V4.50	☐5℃		☐0℃		
☐-5℃	■-10℃	☐-15℃	☐-20℃	☐-25℃	☐-30℃	☐-35℃	☐-40℃

High Voltage: 2 Hours/25℃			
Testing CPU: Cyrix GXm-266P	☐ COM1 LB	☐ COM2 LB	☐ LPT LB
Test Program:	■ QAPlus/FE V5.29	☐ AMIDIAG V4.50	
☐A Grade: 5.20V	■B grade: 5.25V	☐C Grade: 5.30V	☐D Grade: 5.35V ☐E Grade: 5.4V

Low Voltage: 2 Hours/25℃			
Testing CPU: Cyrix GXm-266P	☐ COM1 LB	☐ COM2 LB	☐ LPT LB
Test Program:	■ QAPlus/FE V5.29	☐ AMIDIAG V4.50	
☐A Grade: 4.80V	■B grade: 4.75V	☐C Grade: 4.70V	☐D Grade: 4.65V ☐E Grade: 4.6V

2．Stability Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D4516821AG-A10-9NF ☐16 ■32 ☐64☐128MB ☐DRAM■SDRAM☐SODIMM ☐_____ Qty: ■1 ☐2 ☐3 ☐4
System BIOS Version	■Award ☐AMI Ver:4.51PG
O.S. Environment	■MSDOS6.22 ☐_____
VGA Card	■OnBoard NS Geode CS5530A
DOC Type	M-System DOC2000 ☐4MB ☐8MB ■16MB ☐24MB ☐___MB

A. Burn-In Testing (24Hours)
Test Condition : Under Room Temp. 25℃

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

B. Burn-In Testing (48 Hours)
Test Condition : Burn-In Under Temp. 0℃～60℃(IEC-68-2-61)

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

C. Booting Testing
Test Condition : Under Room Temp. 25℃

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	

D. Burn-In Booting Testing (24 Hours)
Test Condition : Burn-In Under Temp. -0℃～60℃(IEC-68-2-30)

Test Method	Actual	Successful	Failure rate	On time	Off Time	Note
Power On/Off	1365	1363	0.15%	50 Sec	50 Sec	

3．Performance Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: HYNDAI HY57V658020 TC-10 □8 □16 □32□64■128MB □DRAM■SDRAM□SODIMM □_____ Qty: ■1 □2 □3 □4
System BIOS Version	■Award □AMI Ver: 4.51PG
O.S. Environment	■MSDOS6.22 ■Windows 98 □Windows NT □
VGA Card	■OnBoard NS Geode CS5530A
VGA Memory	□256K □512K □1M ■3M □4M □
HDD Type	□Max □Sea □Con ■IBM □Fuj : DPTA-372050
VGA Testing Mode	1024X768X256c (For WinStone & WinBench)
Driver or Utility	■VGA □HDD ■Others : Intel 82559ER LAN

Operating System Environment (DOS Mode)

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

Testing Software

Testing Utility	CPU Type				Unit
	Cyrix GXM GXm-233GP	Cyrix GXM GXm-266GP	NS Geode GX1-300P 1.69k	NS Geode GXLV-233 1k	
LandMark Speed 2.0					
CPU	734.29	890.46	1030.41	743.21	MHz
FPU	1991.70	2381.12	2763.05	1980.64	MHz
VIDEO	13284	16115	18904	13284	Chs/sec
Norton 8.0					
SI	448.7	541.1	629.1	453.1	ID
Power Meter 2.02					
MIPS Test	67.7	83.6	94.8	71.1	Mips
WinStone 99 v1.2					
Business Graphic Winstone99	7.11	7.99	8.85	7.11	
WinBench 99					
H.E. Graphic WinMark 99	76.2	88.6	99.9	76.8	MP/s
Business Graphic WinMark99	26.4	30.4	34.5	26.6	TB/s
CPUmark 99	7.24	8.41	9.37	7.26	
Coretest V3.02					
DTR (Buffered Read)	5920	6256	6480	5936	KB/Sec
Performance ID	43.69	45.69	46.9	43.79	
Wintech V1.2					
Overall WinTach RPM	116.55	134.70	151.71	115.64	

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	**Brand: HYNDAI HY57V658020 TC-10** ☐8 ☐16 ☐32☐64■128MB ☐DRAM■SDRAM☐SODIMM ☐_____ Qty: ■1 ☐2 ☐3 ☐4
System BIOS Version	■Award ☐AMI Ver: 4.51PG
O.S. Environment	■MSDOS6.22 ■Windows 98 ☐Windows NT ☐
VGA Card	■OnBoard NS Geode CS5530A
VGA Memory	☐256K ☐512K ☐1M ■3M ☐4M ☐
HDD Type	☐Max ☐Sea ☐Con ■IBM ☐Fuj : DPTA-372050
VGA Testing Mode	1024X768X256c (For WinStone & WinBench)
Driver or Utility	■VGA ☐HDD ■Others : Intel 82559ER LAN

Operating System Environment (DOS Mode)

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

Testing Software

Testing Utility	CPU Type				Unit
	NS Geode G1-266P 2.2k	**NS Geode G1-200P 1k+2.7k**			
LandMark Speed 2.0					
CPU	888.09	616.26			MHz
FPU	2385.29	1655.47			MHz
VIDEO	16115	10922			Chs/sec
Norton 8.0					
SI	540.8	376.4			ID
Power Meter 2.02					
MIPS Test	83.6	58.0			Mips
WinStone 99 v1.2					
Business Graphic Winstone99	8.01	6.43			
WinBench 99					
H.E. Graphic WinMark 99	88.4	70.5			MP/s
Business Graphic WinMark99	30.3	24			TB/s
CPUmark 99	8.39	6.43			
Coretest V3.02					
DTR (Buffered Read)	6256	5696			KB/Sec
Performance ID	45.69	42.36			
Wintech V1.2					
Overall WinTach RPM	135.24	107.04			

4 . Power Consumption

System Information:

DRAM Type & Capacity	NEC D4564841G5-A80-9JF 128MB
VGA Card	Onboard NS Geode CS5530A
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 dos=high,umb files=35 Buffers=40	Prompt pg c:\dos\smartdrv.exe /x

Test Software (DOS Mode):

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

Test Result:

ATX Power

Mode Type	CPU Type				Unit
	Cyrix GXM GXm-233GP	Cyrix GXM GXm-266GP	NS Geode GX1-300P R393 : 1.69k	NS Geode GXLV-233 R393 : 1k	
Normal Mode(+5V)	2.12	1.94	1.78	2.06	amp/max
Doze Mode(+5V)	2.12	1.94	1.78	2.06	amp/max
Standby Mode(+5V)	1.01	1.01	1.03	1.01	amp/max

Mode Type	CPU Type				Unit
	NS Geode G1-266 R393 : 2.2k	NS Geode G1-200 R393 : 1k+2.7k			
Normal Mode(+5V)	1.61	1.40			amp/max
Doze Mode(+5V)	1.61	1.40			amp/max
Standby Mode(+5V)	1.02	0.97			amp/max

Normal Model is meassured while open system
Doze Model VGA controller is still enabled
STANDBY Model VGA controller is still enabled

5 . Hardware Compatibility

A. Component Compatibility- CPU
CPU Device List:

Brand	Device Model	Pass	Fail	Note
Cyrix	GXm-233GP	✔		2.9V
Cyrix	GXm-266GP	✔		2.9V
NS Geode	GXLV-233P	✔		2.2V
NS Geode	G1-300P	✔		2V
NS Geode	G1-266P	✔		1.8V
NS Geode	G1-200P	✔		1.6V

B. Component Compatibility- DRAM DIMM Module
DRAM DIMM Model List:

Brand	Device Model	Pass	Fail	Note
HYNDAI	HY57V658020 TC-10 128MB	✔		
NEC	D4564841G5-A80-9JF 128MB	✔		
NEC	D4564841G5-A10-9JF 128MB	✔		
LGS	GM72V661641CT7J 64MB	✔		
HITACHI	5264805DTTA60 PC100-222-60 64MB	✔		
HYNDAI	HY57V1291620 TC-10S 64MB	✔		
HYNDAI	HY57V129160 LTC-10S 64MB	✔		
NEC	D4564841G5-A10-9JF 64MB	✔		
NEC	D4564841G5-A60-9JF 64MB	✔		
NEC	D4564841G5-A80-9JF 64MB	✔		
HYNDAI	HY57V168010D TC-10S 32MB	✔		
NEC	D4516821AG-A10-9NF 32MB	✔		
MICRO	MT48LC2M8A1 TG –10S 32MB	✔		
SIEMENS	HYB39S16800A7 –10 32MB	✔		
MITSUBISHI	M2V64S40BTP 32MB	✔		
MITSUBISHI	M5M4V16S30DTP 32MB	✔		
HITACHI	HM5216805TT10H 16MB	✔		
NEC	D4516821AG5-A10-9NF 16MB	✔		

C. Adapter Compatibility- VGA Card
VGA Adapter List:

Brand	Device Model	Pass	Fail	Note
Onboard VGA	NS Geode CS5530A	✔		

D. Adapter Compatibility- LAN Card
Action:

1. Load ODI Driver (Lsl,Ipxodi,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
Intel	82557	✔		
Intel	82559	✔		

Intel	EtherExpress™ PRO/100 (ISA)	✔		
D-Link	DFE-530TX	✔		
REL	RTL8139A	✔		
3 COM	3C905B-TX	✔		
3 COM	3C509B(ISA)	✔		

E. Adapter Compatibility- SCSI Card
SCSI Adapter List:

Brand	Device Model	Pass	Fail	Note
Adaptec	AHA-2940U/UW	✔		
Adaptec	AHA-1520	✔		
Adaptec	AHA-2940U	✔		
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	✔		
Modem Card (PCI)				
SmartLink	5634PEW 56000bps Win modem	✔		

G. Peripheral Compatibility-HDD Device
HDD List:

Brand	Device Model	Pass	Fail	Note
Quantum	3240AT 3.2GB	✔		
Quantum	1700AT 1.7GB	✔		
Seagate	ST34520A 4GB	✔		
Seagate	ST51270A 1.2GB	✔		
Quantum	Bigfoot 4.0AT 4GB	✔		
Western Digital	WD Caviar 28400 8.4GB	✔		
Western Digital	WD Caviar 26400 6.4GB	✔		
FUJITSU	MPC 3032AT 3.2GB	✔		
IBM	DTLA-307045 40GB	✔		
IBM	DPTA-372050 20GB	✔		
Seagate	ST31230N 1.0GB SCSI	✔		
Seagate	ST34520LW 4.3GB SCSI			
Seagate	ST34520W 4.3GB SCSI			

H.Peripheral Compatibility- Storage Device
Device List:

Brand	Device Model	Pass	Fail	Note
CD/ROM				
TEAC	CD-540E 40X	✔		
CREATIVE	CD2423E 24X	✔		
PIONEER	DR-A24X 24X	✔		

SONY	CDU-4811-81 48X	✔		
PIONEER	DVD-A03S	✔		
ZIP				
Iomega	Z100P2	✔		
LS-120				
Panasonic	LKM-F934-1	✔		
Fax/Modem				
Cyber Lander	Rock Modem E210 V.90 56K	✔		
LEMEL	MD336RSVD 56K	✔		

I.Peripheral Compatibility- Others
Device List:

Brand	Device Model	Pass	Fail	Note
RS-485 Port				
Adventech	Adam 401	✔		
USB Port				
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	✔		
EPSON	STYLUS COLOR740 USB Printer	✔		
HP	PhotoSmart P1000	✔		
Iomega	Z100USB			
Parallel Port				
EPSON	STYLUS COLOR740	✔		
HP	PhotoSmart P1000			
IR Port				
ACTiSYS	ACT-IR210L	✔		

J. Peripheral Compatibility- Input Device
Input Device List:

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

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

Board System	■ MB-668
DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: NEC D4564841G5-A80-9JF □8 □16 □32 □64 ■128MB □DRAM ■SDRAM □SODIMM □_____ Qty: □1 ■2 □3 □4
SYSTEM BIOS Ver.	■AWARD □AMI Ver:
O.S. Environment	■DOS6.22 ■WINNT____ □NOVELL_____ □_____
VGA Card	■OnBoard C&T 69000
POWER SUPPLY	□MPU-250W □SSH-250G □SSH-350G ■ST-250AF
IDE HDD TYPE	□Max □Sea □Con □Qua □Fuj ■IBM : DHEA-34330
LAN CARD	■OnBoard: RTL 8139B
CD-ROM TYPE	□NEC □PANASONIC ■PIONEER □CREATIVE : DVD-A035
Cable/Cable Length	CAT5 100M

System Information(Server Site):

Board System	■ MB-668
DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: LGS GM72V661641CT7J □8 □16 □32 ■64MB □128MB □DRAM ■SDRAM □SODIMM □_____ Qty: ■1 □2 □3 □4
SYSTEM BIOS Ver.	■AWARD □AMI Ver: 4.51PG
VGA Card	■OnBoard Cyrix CX5530
O.S. Environment	■DOS6.22 ■WINNT____ ■NOVELL 4.11 □_____
IDE HDD TYPE	□Max □Sea □Con ■Qua □Fuj □IBM : Bigfoot 4.0AT
LAN CARD	■OnBoard: RTL-8139B
CPU Type	■I ntel □Cyrix □AMD : Celeron 366 MHz
CD-ROM TYPE	□NEC □PANASONIC □PIONEER ■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	✔	12	
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.

6 . Software Compatibility

A. O.S. Compatibility-Windows 95

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand:NEC D4564841G5-A80-9JF ☐8 ☐16 ☐32 ■64 ☐128MB ☐DRAM ■SDRAM ☐SODIMM ☐_____ Qty: ■1 ☐2 ☐3 ☐4
System BIOS Version	■Award ☐AMI Ver: 4.51PG
VGA Card & BIOS	■OnBoard Cyrix CX5530
VGA Memory Capacity & Brand	Brand: NS Geode CS5530A Built-in ☐60ns ☐70ns ☐ ns ☐DRAM ☐VRAM ☐256K ☐512K ☐1M ■3M ☐4M
CPU Type	☐Intel ■Cyrix ☐AMD: GXm-266P
HDD Type	☐Max ■WD ☐Con ☐Qua ☐Fuj : Caviar26400 6.4GB
CD-ROM Type	☐NEC ☐Panasonic ☐Pioneer ■Creative : CD2423E
Driver or Utility	■VGA ☐HDD ■Others : Intel 82559ER LAN

VGA Driver Testing:

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

Test Results:

Test Item	Pass	Fail	Note
Installation From CD/ROM			
Install to IDE HDD	✔		Testing CPU: GXm-266P
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	✔		

B. O.S. Compatibility-Windows 98
System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand:NEC D4564841G5-A80-9JF ☐8 ☐16 ☐32 ☐64 ■128MB ☐DRAM ■SDRAM ☐SODIMM ☐_____ Qty: ■1 ☐2 ☐3 ☐4
System BIOS Version	■Award ☐AMI Ver: 4.51PG
VGA Memory Capacity & Brand	Brand: Cyrix 5530 Built-in ☐60ns ☐70ns ☐ ns ☐DRAM ☐VRAM ☐256K ☐512K ☐1M ■3M ☐4M
CPU Type	☐Intel ■Cyrix ☐AMD: GXm-266P
HDD Type	☐Max ■WD ☐Con ☐Qua ☐Fuj : Caviar26400 6.4GB
CD-ROM Type	☐NEC ☐Panasonic ☐Pioneer ■Creative : CD2423E
Driver or Utility	■VGA ☐HDD ■Others : Intel 82559ER LAN

VGA Driver Testing:

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

Test Results:

Test Item	Pass	Fail	Note
Installation From CD/ROM			
Install to IDE HDD	✔		Testing CPU: Cyrix GXm-266P
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	✔		

B-1.Microsoft Windows 98 Hardware Compatibility Test(HCT)
System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	**Brand: NEC D451228841G5-A10-9JF** ☐32 ☐64 ■128☐256MB ☐DRAM ■SDRAM☐SODIMM ☐_____ **Qty:** ■1☐ 2 ☐3 ☐4
System BIOS Version	■Award ☐AMI **Ver: 4.51PG**
VGA Card & BIOS	■OnBoard **Cyrix CX5530**
VGA Memory Capacity & Brand	**Brand: Cyrix CX5530 Built-in** ☐60ns ☐70ns ☐ ns ☐DRAM ☐VRAM ☐256K ☐512K ☐1M 0■3M ☐4M
CPU Type	■Intel ☐Cyrix☐AMD: **Cyrix GXm-266P**
HDD Type	☐Max ■WD ☐Con ☐Qua ☐Fuj : **Caviar 26400 6.4GB**
CD-ROM Type	☐NEC ☐Panasonic ☐Pioneer ■Creative : **CD2423E**
Keyboard TYPE	**Acer 6511-TW1C/B**
FDD TYPE	**TEAC FD-235HF**
Mouse	**LOGITECH M-CQ38**
LAN CARD	**Intel 82559ER**
Driver or Utility	■VGA ☐HDD ■Others : **Intel 82559ER 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	✔		

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

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: HYNDAI HY57V168010D TC-10S ☐16 ■32 ☐64☐128MB ☐DRAM■SDRAM☐SODIMM ☐_____ Qty: ■1☐ 2 ☐3 ☐4
System BIOS Version	■Award ☐AMI Ver: 4.51PG
VGA Card & BIOS	■OnBoard Cyrix CX5530
VGA Memory Capacity & Brand	Brand: Cyrix CX5530 Built-in ☐60ns ☐70ns ☐ ns ☐DRAM ☐VRAM ☐256K ☐512K ☐1M ■3M ☐4M
CPU Type	■Intel ☐Cyrix ☐AMD : Cyrix GXm-266P
HDD Type	☐Max ■Sea ☐Con ☐Qua ☐Fuj : ST34520A 4GB
CD-ROM Type	☐NEC ■TEAC ☐Pioneer ☐Creative : CD-532E 32X
Driver or Utility	■VGA ☐HDD ■Others : Intel 82559ER LAN

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	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: Cyrix GXm-266P
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	✔		

D. O.S. Compatibility-DOS and DOS Utility Compatibility Testing
System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: HYNDAI HY57V658020 TC-10 ☐16 ☐32 ☐64 ■128MB ☐DRAM ■SDRAM ☐SODIMM ☐_____ Qty: ■1 ☐2 ☐3 ☐4
System BIOS Version	■Award ☐AMI Ver: 4.51PG
VGA Card & BIOS	■OnBoard Cyrix CX5530
VGA Memory Capacity & Brand	Brand: Cyrix CX5530 Built-in ☐60ns ☐70ns ☐ ns ☐DRAM ☐VRAM ☐256K ☐512K ☐1M ■3M ☐4M
CPU Type	☐Intel ■Cyrix ☐AMD: Cyrix GXm-266P
HDD Type	☐Max ☐Sea ☐Con ■Qua ☐Fuj : 1700AT 1.7GB
CD-ROM Type	☐NEC ☐Panasonic ■Pioneer ☐Creative : DVD-A03S
Driver or Utility	☐VGA ☐HDD ■Others : Intel 82559ER LAN

Test Results:

Test Item	Pass	Fail	Note
Installation From FDD			
Install to IDE HDD	✓		Testing CPU: Cyrix GXm-266P
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	✓		
Telix			
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	✓		

E. Word Processing/Spread Sheet Compatibility Testing
System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: HYNDAI HY57V658020 TC-10 ☐16 ☐32 ☐64 ■128MB ☐DRAM ■SDRAM ☐SODIMM ☐_____ Qty: ■1 ☐2 ☐3 ☐4
System BIOS Version	■Award ☐AMI Ver: 4.51PG
VGA Card & BIOS	■OnBoard Cyrix CX5530
VGA Memory Capacity & Brand	Brand: C&T69000 Built-in ☐60ns ☐70ns ☐ ns ☐DRAM ☐VRAM ☐256K ☐512K ☐1M ■3M ☐4M
CPU Type	☐Intel ■Cyrix ☐AMD: Cyrix GXm-266P
HDD Type	☐Max ■WD ☐Con ☐Qua ☐Fuj : Caviar 26400 6.4GB
CD-ROM Type	☐NEC ☐Panasonic ☐Pioneer ■Creative : CD2423E
Driver or Utility	■VGA ☐HDD ■Others : Intel 82559ER 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	✔		

F. Business Graphics/DTP/DB Compatibility Testing
System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: HYNDAI HY57V658020 TC-10　　☐16 ☐32 ☐64 ■128MB ☐DRAM ■SDRAM ☐SODIMM ☐_____　Qty: ■1 ☐2 ☐3 ☐4
System BIOS Version	■Award ☐AMI Ver: 4.51PG
VGA Card & BIOS	■OnBoard Cyrix CX5530
VGA Memory Capacity & Brand	Brand: Cyrix CX5530 Built-in　　　☐60ns ☐70ns ☐　ns ☐DRAM ☐VRAM　　　☐256K ☐512K ☐1M ■3M ☐4M
CPU Type	☐Intel ■Cyrix ☐AMD: Cyrix GXm-266P
HDD Type	☐Max ■WD ☐Con ☐Qua ☐Fuj : Caviar 26400 6.4GB
CD-ROM Type	☐NEC ☐Panasonic ☐Pioneer ■Creative : CD2423E
Driver or Utility	■VGA ☐HDD ■Others : Intel 82559ER 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	✔		