



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

PCM-6890B

QE Compatibility Test Report

Release Date : July. 13, 2000

Issue Stamp

QA Manager

QE Manager

Test Engineer

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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.

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1. Margin Testing

System Information:

DRAM/ SDRAM Capacity & BRAND (SIMM Qty)	Brand : NEC D4516821AG5-A10-9NF <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> SDRAM <input type="checkbox"/> SODIMM <input type="checkbox"/>	<input type="checkbox"/> 8 <input type="checkbox"/> 16 <input checked="" type="checkbox"/> 32 <input type="checkbox"/> 64 <input type="checkbox"/> 128MB 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 : Rev 1.0	
O.S. Environment	<input checked="" type="checkbox"/> MSDOS6.22 <input type="checkbox"/>	
VGA Card	<input checked="" type="checkbox"/> Onboard C&T 69000	
DOC Type	M-System DOC 2000	<input type="checkbox"/> 4MB <input type="checkbox"/> 8MB <input checked="" type="checkbox"/> 16MB <input type="checkbox"/> 24MB <input type="checkbox"/> MB

Note : The blackened box means the item be used in testing.

Temperature Margin Test :

High / Low Voltage : 2 Hours

Test CPU : Celeron 300

Temperature	Test Program		Result		Note
	QAPIus/ FE V5.4	AMIDIAG 4.50	Pass	Fail	
65 °C	V		V		
60 °C	V		V		
55 °C	V		V		
5 °C	V		V		
0 °C	V		V		

2 . Stability Testing

System Information:

DRAM/SDRAM Capacity & BRAND(SIMM Qty)	Brand: D4516821AG5-A10-9NF <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: PCM-6890B All In One BIOS Rev1.0
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: PCM-6890B USE 69030 VGA CHIP
O.S. Environment	<input checked="" type="checkbox"/> MSDOS6.22 <input type="checkbox"/>
VGA Card	<input checked="" type="checkbox"/> OnBoard <input type="checkbox"/> C&T 69000 / C&T 69030
DOC Type	M-System DOC2000 <input type="checkbox"/> 4MB <input type="checkbox"/> 8MB <input checked="" type="checkbox"/> 16MB <input type="checkbox"/> 24MB <input type="checkbox"/> __MB

A. Burn-In Testing (24Hours)

Test Condition : Under Room Temp. 25°C

Test Software	Pass	Fail	Note
QAPlus/FE 5.40	✓		

B. Burn-In Testing (48 Hours)

Test Condition : Burn-In Under Temp. 0°C ~ 60°C (IEC-68-2-61)

Test Software	Pass	Fail	Note
QAPlus/FE 5.40	✓		

C. Booting Testing

Test Condition : Under Room Temp. 25°C

Test Method	Actual	Successful	Failure rate	On time	Off Time	Note
Power On/Off 1000 Times	1000	1000	0 %	30 Sec	30 Sec	
KB Reset 20 Times	20	20	0 %	30 Sec	03 Sec	
H/W Reset 1000 Times	1000	1000	0 %	30 Sec	30 Sec	

D. Burn-In Booting Testing (24 Hours)

Test Condition : Burn-In Under Temp. 0°C ~ 60°C (IEC-68-2-30)

Test Method	Actual	Successful	Failure rate	On time	Off Time	Note
Power On/Off	1432	1432	0 %	35 Sec	35 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: Rev1.0
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 <input 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 <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 : K13600AT
Testing Feature	<input type="checkbox"/> 32 bits Transfer <input type="checkbox"/> Block Mode <input checked="" type="checkbox"/> DMA Mode
VGA Testing Mode	1024X768X65566c (For WinStone 99 & WinBench 99)
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : 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
	Celeron MMX 300	Celeron MMX 366	Celeron MMX 400	Celeron MMX 433	Celeron MMX 500	
LandMark Speed 2.0						
CPU	1873.86	2290.30	2498.54	2706.77	3123.23	MHz
FPU	5842.31	7140.78	7789.97	8439.20	9737.56	MHz
VIDEO	5041	5067	5120	5120	5067	Chs/sec
Norton 8.0						
SI	752.1	919.3	1002.8	1086.4	1253.6	ID
Power Meter 2.02						
MIPS Test	142.2	177.7	189.6	218.8	237.0	Mips
WinStone 99						
HighEnd Graphic WinStone 99	17.9	19.8	20.7	21.5	22.8	
Business Graphic Winstone 99	16.8	18.1	18.5	18.8	19.8	
WinBench 99						
H.E. Graphic WinMark 99	190	223	247	253	279	MP/s
Business Graphic WinMark 99	62.3	67.8	83	71.9	72.1	TB/s
CPUmark 32	598	669	706	729	776	
Coretest V3.02						
DTR (Buffered Read)	7024	7344	7408	7408	7664	KB/Sec
Performance ID	52.58	54.49	54.87	54.67	56.39	

System Information:

DRAM/SDRAM Capacity & BRAND(DIMM Qty)	■ Brand: SAMSUNG K4S280832B-TC1H ■ 256MB SDRAM ■ Qty: 1
System BIOS Version	■ Award ■ Ver: Rev1.2
O.S. Environment	■ Windows NT
VGA Card	■ OnBoard ■ C&T 69030
VGA Memory	■ 4M
HDD Type	■ Maxtor : 51536U3 ■ 15.3GB
VGA Testing Mode	■ 1024 X 768 X 65566C ■ For WinStone 99 & WinBench 99
Driver or Utility	■ VGA ■ 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 MHz	Pentium III 750 MHz	Pentium III 850 MHz	
LandMark Speed 2.0				
CPU	3748.18	4685.28	5310	MHz
FPU	11394.92	20910	41820	MHz
VIDEO	16948	16948	16948	Chs/sec
Power Meter 2.02				
MIPS Test	284.4	355.5	406.3	Mips
WinStone 99				
HighEnd Graphic WinStone 99	32.3	36.1	37.8	
Business Graphic Winstone 99	30.1	32.3	33	
WinBench 99				
H.E. Graphic WinMark 99	342	386	408	MP/s
Business Graphic WinMark 99	76.7	79.7	81.2	TB/s
CPUMark 99	55.3	66.4	74.6	
Coretest V3.02				
DTR (Buffered Read)	9552	10128	10144	KB/Sec
Performance ID	65.18	68.25	68.71	

4 . Power Consumption

System Information:

DRAM Type & Capacity	NEC D4564841G5-A10-9JF 128M SDRAM
VGA Card	OnBoard C&T 69000
DOC or Floppy	M-System DOC2000
VGA Testing Mode	Blank Screen
O.S.	DOS 6.22

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)
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Test Result:

Mode Type	CPU Type					Unit
	Celeron 300	Celeron 366	Celeron 400	Celeron 433	Celeron 500	
Normal Mode(+5V)	4.44	4.74	5.12	5.24	5.68	amp/max
Doze Mode(+5V)	4.24	4.5	4.88	5.00	5.18	amp/max
Standby Mode(+5V)	4.24	4.44	4.82	5.00	5.18	amp/max
Suspend Mode(+5V)	2.18	2.18	2.24	2.24	2.24	amp/max
HD Power Down(+5V)	2.18	2.18	2.24	2.24	2.24	amp/max
Normal Mode(+3.3V)	0.5	0.5	0.5	0.38	0.44	amp/max
Normal Mode(+12V)	0.5	0.56	0.5	0.5	0.62	amp/max

System Information:

SDRAM Type & Capacity	SAMSUNG K4S280832B-TC1H 256MB SDRAM
VGA Card	OnBoard C&T 69030
DOC or Floppy	M-System DOC2000
VGA Testing Mode	Blank Screen
O.S.	DOS 6.22

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:

Mode Type	CPU Type			Unit
	Pentium III 600 MHz	Pentium III 750 MHz	Pentium III 850 MHz	
Normal Mode(+5V)	2.8	3.47	3.94	amp/max
Doze Mode(+5V)	2.65	3.2	3.67	amp/max
Standby Mode(+5V)	2.65	3.2	3.67	amp/max
Suspend Mode(+5V)	1.35	1.52	1.64	amp/max

Note :

- 1.SUSPEND Mode all function off.
- 2.The unit of current is A .

5 . Hardware Compatibility

A. Component Compatibility- CPU

CPU Device List:

Brand	Device Model	Pass	Fail	Note
Intel	Celeron Socket 370 300MHz	✓		
Intel	Celeron Socket 370 366MHz	✓		
Intel	Celeron Socket 370 400MHz	✓		
Intel	Celeron Socket 370 433MHz	✓		
Intel	Celeron Socket 370 500MHz	✓		
Intel	Pentium III 600MHz Socket	✓		

B. Component Compatibility- DRAM DIMM Module

DRAM SIMM Model List:

Brand	Device Model	Pass	Fail	Note
NEC	D4564163G5-A10B-9JF 64M	✓		
NEC	D4564841G5-A10-9JF 128M	✓		
NEC	D4564841G5-A80-9JF 64M	✓		
Mitsubishi	M5M4V16S30DTP 32M	✓		
Mitsubishi	M2V64S40BTP 32M	✓		
NEC	D45128841G5-A10-9JF 256M	✓		
SIEMENS	HYB39S16800AT-10 32M	✓		
Hyndai	HY57V168010D TC-10S 32MB	✓		
NEC	D4516821AG5-A10-9NF 32MB	✓		
NEC	D4564841G5 A80-9JF 64MB	✓		
NEC	D4516821AG5-A10-9NF 16MB	✓		
Hitachi	HM5216805T10H16M 16MB	✓		
Micron	MT48LC2M8A1 32MB	✓		
Hyndai	HY57V1291620 LTC-10S 64MB	✓		
NEC	D4564841G5 A80-9JF 128MB	✓		
Hyndai	HY57V658020 TC-10 128MB	✓		
Hitachi	5264805DTTA60 64MB	✓		
LGS	GM72V661641CT7J 64MB	✓		

C. Adapter Compatibility- VGA Card

VGA Adapter List:

Brand	Device Model	Pass	Fail	Note
On Board	C&T 69000	✓		
On Board	C&T 69030	✓		
VGA Card	S3/Trio64 V2	✓		
VGA Card	S3 Vision 968	✓		
VGA Card	3D Blaster Savage4	✓		

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	Intell 82559 100Mbps	✓		
D-Link	DFE-540TX	✓		
D-Link	DFE-500TX	✓		
Surecom	DEC21140	✓		
Intel	S82557	✓		
Intel	SB82558B	✓		
3COM	3C905	✓		
3COM	3C905B	✓		
Realtek	RTL8139	✓		

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

Brand	Device Model	Pass	Fail	Note
SCSI Adapter	AHA-2940UW	✓		
SCSI Adapter	AHA-2940U2WK ULTRA-2-WIDE	✓		

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

Brand	Device Model	Pass	Fail	Note
MPEG Card				
YUAN	PCI DVD MPEG-2 Playback card MPG-200C	✓		
Sound Card				
OnBoard	ESS ES 1938S	✓		

G. Adapter Compatibility- Industry Control Card

Industry Control Adapter List:

Brand	Device Model	Pass	Fail	Note
104 Module				
AAEON	PCM-3820 rev. C (SSD)	✓		
AAEON	PCM-3840-BARE (DOC 2000 SSD)	✓		
AAEON	PCM-3110 (PCMCIA MASTER)		✓	
AAEON	PCM-3111 (PCMCIA MASTER))		✓	
AAEON	PCM-3420 (SCSI)	✓		

H. Peripheral Compatibility-HDD Device

HDD List:

Brand	Device Model	Pass	Fail	Note
Quantum	K13600AT 13GB	✓		
IBM	DHEA-34330 4.3GB	✓		
Maxtor	83240D4 3.2GB	✓		
Maxtor	ST32A013 3.2GB	✓		
Westren Digital	AC28400 8.4GB	✓		
Seagate	ST32155W (SCSI)	✓		
Seagate	ST34520LW (SCSI)	✓		
Maxtor	51536U3	✓		

I. Peripheral Compatibility- Storage Device

Device List:

Brand	Device Model	Pass	Fail	Note
CD/ROM				
TEAC	CD-532E 32X	✓		
NEC	CDR-1901A 32X	✓		
Pioneer	DVD-A035	✓		
MITSUMI	CRMC-FX4824T	✓		
ZIP				
IOMEGA	ZIP 100MB Parallel Port	✓		
IOMEGA	ZIP 100MB USB Port	✓		
LS-120				
LS-120	LKM-F934-1	✓		
Fax/Modem				
Modem	LEMEL 33.6 FAX/MODEM	✓		
Modem	Rock Cyber Lander 2000 56K	✓		

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

Brand	Device Model	Pass	Fail	Note
RS-232 Port				
Winsd.exe	Loop back	✓		
RS-485 Port				
Adam	ADAM-4011	✓		
RS-422 Port				
Winsd.exe	Loop back	✓		
USB Port				
Scanner	HP SJ4200C	✓		
ZIP	IOMEGA ZIP 100MB	✓		
Mouse	Dexin 800dpi A2U800A	✓		
Camera	Vcam Capture	✓		
Camera	Tekcam P35u	✓		
Keyboard	BTC 7932	✓		
Printer	HP PhotoSmart P1000	✓		
Modem	D-Link DU-560M	✓		
USB HUB	D-Link DU-H4	✓		
Parallel Port				
HP	PhotoSmart P1000 Printer	✓		
ZIP	IOMEGA ZIP 100MB Parallel Port	✓		
MP3 radio	IMars Digital Stereo Player	✓		
IR				
ACTiSYS	ACT-IR210L	✓		VGA 69000
ACTiSYS	ACT-IR210L	✓		VGA 69030
Watch Dog				
Program	Nw977wd1~5	✓		
Program	Nw977wd1~5	✓		

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

Brand	Device Model	Pass	Fail	Note
Keyboard				
Acer	6311-TW	✓		
Acer	6511-TW	✓		
BTC	7932	✓		
Mouse				
Dexin	Mouse	✓		
Logitech	Mouse Man	✓		
Microsoft	Serial Mouse	✓		
Genius	NET Mouse	✓		

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

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: Rev1.0
O.S. Environment	<input checked="" type="checkbox"/> DOS6.22 <input type="checkbox"/> WINNT <input type="checkbox"/> NOVELL
VGA Card	<input checked="" type="checkbox"/> OnBoard C&T 69000
POWER SUPPLY	<input type="checkbox"/> MPU-250W <input type="checkbox"/> SSH-250G <input checked="" type="checkbox"/> AX2-5250F <input type="checkbox"/> ST-250AF
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 : K13600AT
SCSI HDD TYPE	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj <input type="checkbox"/> IBM:
LAN CARD	<input checked="" type="checkbox"/> OnBoard: Intel 82559
CD-ROM TYPE	<input checked="" type="checkbox"/> NEC <input type="checkbox"/> PANASONIC <input type="checkbox"/> PIONEER <input type="checkbox"/> CREATIVE : CDR-1901A 32X
Cable/Cable Length	

System Information(Server Site):

Board System	<input checked="" type="checkbox"/> NOVELL V 4.11
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"/> 64MB <input checked="" type="checkbox"/> 128MB <input type="checkbox"/> DRA <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: Rev1.0
VGA Card	<input checked="" type="checkbox"/> OnBoard C&T 69000
O.S. Environment	<input type="checkbox"/> DOS6.22 <input type="checkbox"/> WINNT <input checked="" type="checkbox"/> NOVELL 4.11
IDE HDD TYPE	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj <input type="checkbox"/> IBM <input checked="" type="checkbox"/> WD : AC28400
SCSI HDD TYPE	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj <input type="checkbox"/> IBM:
LAN CARD	<input checked="" type="checkbox"/> OnBoard: Intel 82559
CPU Type	<input checked="" type="checkbox"/> Celeron 500
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
Cable/Cable Length	

HUB Type:**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 half duplex	✓			
10M Base-TX half duplex	✓			
SUBJECT	Network Operation System Function Testing			
Test Item	Pass	Fail	Note	
NetWare 4.11	✓			
Windows NT 4.0	✓			
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	✓		
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	✓		

6 . Software Compatibility

A. O.S. Compatibility-OS/2 Warp 4.0 (English Version)

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
Cache Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> PB <input checked="" type="checkbox"/> 128K <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/>
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 <input type="checkbox"/> BIOS:
VGA Memory Capacity & Brand	Brand: <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 <input type="checkbox"/>
CPU Type	Celeron 500 MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : Big-Foot TX4000AT
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 type="checkbox"/> VGA <input type="checkbox"/> HDD <input type="checkbox"/> Others :

Test Results:

Test Item	Pass	Fail	Note
Installation From CD-ROM + Boot-Disk			
Install to IDE HDD	✓		Testing CPU: Celeron 500MHz
SCSI HDD with AHA-1542 <input type="checkbox"/> CP <input type="checkbox"/> CF			Testing CPU:
SCSI HDD with AHA- <input type="checkbox"/> 2940UW <input type="checkbox"/> 2940W			Testing CPU:
Boot			
Boot to DOS	✓		
Boot to OS/2 (FAT)	✓		
Boot Up - Without K.B.	✓		
Shutdown	✓		
Function Test			
Task Switching	✓		
Multi-Task Test	✓		
System Clock	✓		
Command Prompts Test			
WIN-OS/2 Full Screen	✓		
WIN-OS/2 Windows	✓		
OS/2 Full Screen	✓		
OS/2 Windows	✓		
DOS Full Screen	✓		
DOS Windows	✓		
Keyboard Function Test			
Ctrl+Alt+Del	✓		
Alt+Tab	✓		
Alt+Esc	✓		
Ctrl+Esc	✓		
Alt+F4	✓		
Burn Test			
OS/2 Burning 12 Hours	✓		

B. O.S. Compatibility-Linux RedHat 6.0 + CLE 0.8**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
Cache Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> PB <input checked="" type="checkbox"/> 128K <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/>
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: Rav1.0
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T 69000 <input type="checkbox"/> BIOS:
VGA Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> VRAM <input type="checkbox"/> <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M <input type="checkbox"/>
CPU Type	Celeron 433MHz
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"/> WD: AC28400
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 : LAN

Test Results:

Test Item	Pass	Fail	Note
Subject Installing to HDD			
Install from IDE HDD			Testing CPU:
Install from CD-ROM	✓		Testing CPU: Celeron 433
Subject Funtion Test			
Network Funtion	✓		
LinuxConf	✓		
Subject Base Funtion			
Another Lederal	✓		
Default	✓		
Failsafe	✓		
Gnome	✓		
KDE	✓		
Reboot	✓		
Logout	✓		
Halt	✓		
Subject Xf86config Setup			
Mouse setup	✓		
VGA setup	✓		
Monitor resolution setup	✓		
Subject X Windows Funtion			
Xclock	✓		
Netscape 4.51	✓		
CLE AP	✓		
Ctrl+alt+back space	✓		
Ctrl+alt+F1	✓		
Ctrl+alt+F7	✓		
Subject Xterm Funtion			
chdrv	✓		
mc	✓		
adduser	✓		
ls, cp, rm, mv	✓		
mkdir, rmdir	✓		

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

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
Cache Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> PB <input checked="" type="checkbox"/> 128K <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/>
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: Rav1.0
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T 69000 <input type="checkbox"/> BIOS:
VGA Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> VRAM <input type="checkbox"/> <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M <input type="checkbox"/>
CPU Type	Celeron 500MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : Big-Foot TX4000AT
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 type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : LAN

Test Results:

Test Item	Pass	Fail	Note
Server Function Testing			
Install to IDE HDD	✓		Testing CPU: Celeron 500
SCSI HDD with AHA-1542 <input type="checkbox"/> CP <input type="checkbox"/> CF			Testing CPU:
SCSI HDD with AHA- <input type="checkbox"/> 2940UW <input type="checkbox"/> 2940W			Testing CPU:
Boot File Server From HDD	✓		
Down & Exit	✓		
Data Transfer	✓		
Workstation Function Testing			
Install to IDE HDD	✓		Testing CPU: Celeron 433
Install With SCSI Aha-1542 <input type="checkbox"/> CP <input type="checkbox"/> CF			Testing CPU:
Install With SCSI Aha- <input type="checkbox"/> 2940UW <input type="checkbox"/> 2940W			Testing CPU:
Login	✓		
Logout	✓		
Data Transfer	✓		

D. O.S. Compatibility-Windows 3.1**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
Cache Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> PB <input checked="" type="checkbox"/> 128K <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/>
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 <input type="checkbox"/> BIOS:
VGA Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> VRAM <input type="checkbox"/> <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M <input type="checkbox"/>
CPU Type	Celreron 366 MHz
HDD Type	<input checked="" type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : 83240D4
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 type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : LAN

Test Results:

Test Item	Pass	Fail	Note
Installation From FDD			
Install to IDE HDD	✓		Testing CPU: Celeron 366
SCSI HDD with AHA-1542 <input type="checkbox"/> CP <input type="checkbox"/> CF Card			Testing CPU:
SCSI HDD with AHA- <input type="checkbox"/> 2940UW <input type="checkbox"/> 2940W			Testing CPU:
Keyboard Function Test			
Ctrl+Alt+Del	✓		
Alt+Tab	✓		
Alt+Esc	✓		
Alt-F4	✓		
Function Test			
Virtual Memory	✓		
System Clock	✓		
DOS Prompt	✓		
Real Mode & Protect Mode Switch	✓		
Task Switching	✓		
FDD Format/Copy/Read/Write	✓		
Serial Mouse	✓		
PS/2 Mouse	✓		

E. O.S. Compatibility-Windows 95**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
Cache Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> PB <input checked="" type="checkbox"/> 128K <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/>
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 <input type="checkbox"/> BIOS:
VGA Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> VRAM <input type="checkbox"/> <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M <input type="checkbox"/>
CPU Type	Celeron 300 MHz
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"/> WD: AC28400
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 : LAN

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	16					
	256			✓		
	64K			✓		
	16.7M			✓		
800X600	16					
	256	✓	✓	✓		
	64K	✓	✓	✓		
	16.7M	✓	✓	✓		
1024X768	256	✓	✓	✓		
	64K	✓	✓	✓		

Test Results:

Test Item	Pass	Fail	Note
Installation From CD/ROM			
Install English to IDE HDD	✓		Testing CPU:Celeron 300 MHz
Install Japanese to IDE HDD	✓		Testing CPU:Celeron 300 MHz
Install Traditional Chinese to IDE HDD	✓		Testing CPU:Celeron 300 MHz
SCSI HDD with AHA-1542 <input type="checkbox"/> CP <input type="checkbox"/> CF			Testing CPU:
SCSI HDD with AHA- <input type="checkbox"/> 2940UW <input type="checkbox"/> 2940W			Testing CPU:
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	✓		

F. O.S. Compatibility-Windows 98**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
Cache Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> PB <input checked="" type="checkbox"/> 128K <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/>
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 <input type="checkbox"/> BIOS:
VGA Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> VRAM <input type="checkbox"/> <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M <input type="checkbox"/>
CPU Type	Celeron 400 MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : K13600AT
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 : LAN; SOUND

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	16					
	256			✓		
	64K			✓		
	16.7M			✓		
800X600	16					
	256			✓		
	64K			✓		
	16.7M			✓		
1024X768	256			✓		
	64K			✓		
1280X1024	256			✓		
1600X1200	256			✓		

Test Results:

Test Item	Pass	Fail	Note
Installation From CD/ROM			
Install English to IDE HDD	✓		Testing CPU:Celeron 400 MHz
Install Japanese to IDE HDD	✓		Testing CPU:Celeron 400 MHz
Install Traditional Chinese to IDE HDD	✓		Testing CPU:Celeron 400 MHz
SCSI HDD with AHA-1542 <input type="checkbox"/> CP <input type="checkbox"/> CF			Testing CPU:
SCSI HDD with AHA- <input type="checkbox"/> 2940UW <input type="checkbox"/> 2940W			Testing CPU:
Boot			
Boot Normal	✓		
Boot Logged (\BOOTLOG.TXT)	✓		
Boot Safe Mode	✓		
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	✓		

F-1. Microsoft Windows 98 Hardware Compatibility Test(HCT)**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"/> 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
Cache Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> PB <input checked="" type="checkbox"/> 128K <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/>
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 <input type="checkbox"/> BIOS:
VGA Memory Capacity & Brand	Brand: <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 <input type="checkbox"/>
CPU Type	Celeron 433 MHz
HDD Type	<input checked="" type="checkbox"/> WD <input type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj : AC28400
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input checked="" type="checkbox"/> TEAC : CD-532E
Keyboard TYPE	ACER TW-6311
FDD TYPE	Panasonic JU-257A606P
Mouse	PS/2 mouse
LAN CARD	OnBoard Intell 82559
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input checked="" type="checkbox"/> Others : 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	✓		

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

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
Cache Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> PB <input checked="" type="checkbox"/> 128K <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/>
System BIOS Version	<input checked="" type="checkbox"/> Award <input type="checkbox"/> AMI Ver: Rav1.0
VGA Card & BIOS	<input checked="" type="checkbox"/> OnBoard C&T 69000 <input type="checkbox"/> BIOS:
VGA Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> VRAM <input type="checkbox"/> <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M <input type="checkbox"/>
CPU Type	Celeron 366 MHz
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
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 : LAN; SOUND

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	16					
	256			✓		
	64K			✓		
	16.7M			✓		
800X600	16					
	256	✓	✓	✓		
	64K	✓	✓	✓		
	16.7M	✓	✓	✓		
1024X768	256	✓	✓	✓		
	64K	✓	✓	✓		
1280X1024	256	✓	✓	✓		

Test Results:

Test Item	Pass	Fail	Note
Installation From CD-ROM			
Install English to IDE HDD	✓		Testing CPU:Celeron 366 MHz
Install Japanese to IDE HDD	✓		Testing CPU:Celeron 366 MHz
SCSI HDD with AHA-1542 <input type="checkbox"/> CP <input type="checkbox"/> CF			Testing CPU:
SCSI HDD with AHA- <input type="checkbox"/> 2940UW <input type="checkbox"/> 2940W			Testing CPU:
SCSI HDD			
SCSI CD-ROM Drive			
Boot			
Boot to Windows NT	✓		
Boot to MS-DOS	✓		
Last known good configuration	✓		
Shutdown	✓		
Shutdown & Restart	✓		
CPU/Memory/File System			
Memory size less than 64MB	✓		
Memory size Larger than 64MB	✓		
FAT	✓		
Network	✓		
Task switching	✓		

Function Test

FDD Format/Copy/Read/Write	✓		
PS/2 Mouse	✓		
System Clock	✓		
Keyboard Function Test			
CapLock,NumLock,ScrLock	✓		
Ctrl+Alt+Del	✓		
Ctrl+Esc	✓		
Alt+Tab,Alt+Esc,Alt+Space	✓		
COM Port			
Serial Mouse	✓		
Security/Audit/Control			
User manager	✓		
Disk administrator	✓		
Performance monitor	✓		
User profile editor	✓		
Event Viewer	✓		
Windows NT Diagnostics	✓		

H. O.S. Compatibility-Windows 2000 Professional**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
Cache Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> PB <input checked="" type="checkbox"/> 128K <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/>
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 <input type="checkbox"/> BIOS:
VGA Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> VRAM <input type="checkbox"/> <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M <input type="checkbox"/>
CPU Type	Celeron 500 MHz
HDD Type	<input type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input checked="" type="checkbox"/> Qua <input type="checkbox"/> Fuj : K13600AT
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 : LAN; SOUND

VGA Driver Testing:

Resolution	Color	SF	LF	Pass	Fail	Note
640X480	16					
	256			✓		
	64K			✓		
	16.7M			✓		
800X600	16					
	256			✓		
	64K			✓		
	16.7M			✓		
1024X768	256			✓		
	64K			✓		
1280X1024	256			✓		

Test Results:

Test Item	Pass	Fail	Note
Installation From CD/ROM			
Install English to IDE HDD	✓		Testing CPU:Celeron 433 MHz
Install Traditional Chinese to IDE HDD	✓		Testing CPU:Celeron 500 MHz
SCSI HDD with AHA-1542 <input type="checkbox"/> CP <input type="checkbox"/> CF			Testing CPU:
SCSI HDD with AHA- <input type="checkbox"/> 2940UW <input type="checkbox"/> 2940W			Testing CPU:
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	✓		

7 . Display Drivers Compatibility

A. VGA CHIP –C&T 69030

O.S. --Windows 98

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: PCM-6890B USE 69030 VGA CHIP
VGA Card	<input checked="" type="checkbox"/> OnBoard C&T 69030
VGA Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> VRAM <input type="checkbox"/> <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input type="checkbox"/> 2M <input checked="" type="checkbox"/> 4M <input type="checkbox"/>
CPU Type	Pentium III 600MHz
HDD Type	<input checked="" type="checkbox"/> Max <input type="checkbox"/> Sea <input type="checkbox"/> Con <input type="checkbox"/> Qua <input type="checkbox"/> Fuj <input type="checkbox"/> WD: 51536U3
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input checked="" type="checkbox"/> MITSUMI:CRMC-FX4824T
MONITOR	ViewSonic : E70
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input type="checkbox"/> Others :

VGA Driver Testing:

Current Mode		Font Size		Display Device	Screen Saver			Result
Resolution	Colors	Small	Large	CRT	Screen Saver	Turn off Monitor	Turn off Haed disk	
640X480	256	✓	N/A	✓	1 Minute	2 Minutes	3 Minutes	Pass
	High Color (16bit)	✓	N/A	✓	1 Minute	2 Minutes	3 Minutes	Pass
	True Color (24bit)	✓	N/A	✓	1 Minute	2 Minutes	3 Minutes	Pass
800X600	256	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
	High Color (16bit)	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
	True Color (24bit)	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
1024X768	256	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
	High Color (16bit)	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
	True Color (24bit)	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
1280X1024	256	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
	High Color (16bit)	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
	True Color (24bit)	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
1600X1200	256	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass

B. VGA CHIP –C&T 69000

O.S. --Windows 98

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: PCM-6890B All In One BIOS Rev1.0
VGA Card	<input checked="" type="checkbox"/> OnBoard C&T 69000
VGA Memory Capacity & Brand	Brand: <input type="checkbox"/> 60ns <input type="checkbox"/> 70ns <input type="checkbox"/> ns <input type="checkbox"/> DRAM <input checked="" type="checkbox"/> VRAM <input type="checkbox"/> <input type="checkbox"/> 256K <input type="checkbox"/> 512K <input type="checkbox"/> 1M <input checked="" type="checkbox"/> 2M <input type="checkbox"/> 4M <input type="checkbox"/>
CPU Type	Celeron 450 MHz
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"/> WD: K13600AT
CD-ROM Type	<input type="checkbox"/> NEC <input type="checkbox"/> Panasonic <input type="checkbox"/> Pioneer <input checked="" type="checkbox"/> TEAC CD-532E
MONITOR	ViewSonic : E70
Driver or Utility	<input checked="" type="checkbox"/> VGA <input type="checkbox"/> HDD <input type="checkbox"/> Others :

VGA Driver Testing:

Current Mode		Font Size		Display Device	Screen Saver			
Resolution	Colors	Small	Large	CRT	Screen Saver	Turn off Monitor	Turn off Haed disk	Result
640X480	256	✓	N/A	✓	1 Minute	2 Minutes	3 Minutes	Pass
	High Color (16bit)	✓	N/A	✓	1 Minute	2 Minutes	3 Minutes	Pass
	True Color (24bit)	✓	N/A	✓	1 Minute	2 Minutes	3 Minutes	Pass
800X600	256	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
	High Color (16bit)	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
	True Color (24bit)	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
1024X768	256	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
	High Color (16bit)	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
1280X1024	256	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass
1600X1200	256	✓	✓	✓	1 Minute	2 Minutes	3 Minutes	Pass