Illustrated Parts & Service Map HP 600B MT PC



© 2012 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. HP shall not be liable for technical or editorial errors or omissions contained herein. Intel, Pentium, Intel Inside, and the Intel logo are trademarks or registered trademarks of the Intel Corporation and its subsidiaries in the U. S. and other countries.

Document Number 702636-001 Initial Release June 2012.



Key Specifications

Processor Type	Intel: G540T, G540T-HE, G640T, G640T-HE, Core i3-2120T,	
	Core i3-2120T-HE	
RAM Туре	Up to 8GB PC3-10600 UDIMM Memory , single channel (2 UDIMM slots with up to a 4 GB UDIMM in each slot)	
Maximum		
RAM Supported	.8GB	
Expansion Slots	·N/A	
Graphics Adapter	Integrated Graphics Intel PCH	
Chipset	Intel H61	
Drive Support	(1) external 5.25-inch (1) internal 5.25 –inch	
I/O Interfaces	Rear: (4) USB2.0 port, (1) RJ-45, (1) VGA & DVI-D, (1) Line-in, Line-out, Mic-in, DC-In jack, Front: (1) 6 in 1 Card reader Combo, (2) USB port, (1) Headphone, Mic-phone	
Operating Systems	Preinstalled	
	Genuine Windows 7 Professional 32/ 64*	
	Genuine Windows 7 Home Basic 64*	
	Genuine Windows 7 Starter 32*	
	FreeDOS	

Spare Parts





Cables

1	Front I/O assembly	661355-001
2	Power switch/LED assembly	N/A
3	SATA hard drive cable with latch, 10 inch (254 mm)	645577-001
	· SATA ODD drive cable with latch, 10 inch (254 mm)	645577-001
4	· SATA ODD & HDD Power cable	N/A

*Not shown

Keyboards (not illustrated)

KBD USB Red Katydid		539130-xxx	
Adriatic - Serbia(HR-SL-US)	-B41	Africa - English -L31	
Africa - French/ France	-051	Africa (Portuguese) -131	
Belgium (French/Dutch)	-181	Bulgaria Bulgarian Localiza	tion -261
Czech Rep/Slovakia- Czech/Slovak Loc	-CG1	Denmark (Danish) -081	
Germany	-041	Greece -151	
Hungary	-211	Israel -BB1	
Italy	-061	Netherlands -L31	
Norway	-091	Poland -L31	
Portugal	-131	Romania -271	
Russia	-251	Saudi Arabia/Emirates -171	
Spain	-071	Sweden/Finland (English) -1	01
Switzerland (Multilingual)	-111	- Turkey	141
Ukraine	-251	United Kingdom -)31

Mass Storage Devices (not illustrated)

DVD 16X SMD nonLS JB ECO	575781-800
HDD, 3.5", 1TB, SGT Pharaoh EC0	519601-002
HDD, 3.5", 1TB, Hit Jupiter EC0	588600-001
HDD, 3.5", 1TB, Samsung F3 EC0	588581-001
HDD, 3.5", 1TB, WD XL500M EC0	599689-002
HDD, 3.5", 1TB, SGT Pharaoh EC0	519601-003
HDD, 3.5", 1TB, Hit Jupiter EC0	588600-001
HDD, 3.5", 1TB, Hit Jupiter EC0	588600-002
HDD, 3.5", 1TB, Samsung F3 EC0	588581-002
HDD, 3.5", 1TB, Samsung F3 6Gbs EC0	633987-001
HDD, 3.5", 1TB, Hit Jupiter 6Gbs EC0	647467-001
HDD, 3.5", 1TB, SGT Pharaoh 6Gbs EC0	633982-002
HDD, 3.5", 1TB, WD XL500M 6Gbs EC0	634607-002
HDD, 3.5", 1TB, SGT Pharaoh 6Gbs EC0	633982-002
HDD, 3.5", 1TB, SGT Grenada 6Gbs EC0, 512e	662621-001
HDD, 3.5", 1TB, Hit Mars 6Gbs EC0, 512e	661699-001
HDD, 3.5", 1TB, SGT Pharaoh 6Gbs EC0	684222-001
HDD, 3.5", 1TB, SGT Grenada 6Gbs EC0, 512e	688677-001
HDD, 3.5", 1TB, WD XL1000s 6Gbs EC0, 512e	691790-001
HDD, 3.5", 2TB, Hit Jupiter K EC0	589382-001
HDD, 3.5", 2TB, Hit Mariner EC0	644126-001
HDD, 3.5", 2TB, SGT Grenada 6Gbs EC0, 512e	662623-001
HDD, 3.5", 2TB, Hit Mars 6Gbs EC0 512e	661702-001
HDD, 3.5", 500GB, SGT Pharaoh EC0	519600-002
HDD, 3.5", 500GB, Hit Jupiter EC0	588599-001
HDD, 3.5", 500GB, Samsung F3 EC0	588579-001
HDD, 3.5", 500GB, WD XL500S	599687-002

HDD, 3.5", 500GB, SGT Pharaoh EC0	519600-003
HDD, 3.5", 500GB, Hit Jupiter EC0	588599-001
HDD, 3.5", 500GB, Hit Jupiter EC0	5 <u>88599-002</u>
HDD, 3.5", 500GB, Samsung F3 EC0	5 <u>88579-002</u>
HDD, 3.5", 500GB, WD XL500S, EC0	649944-001
HDD, 3.5", 500GB, Samsung F3 6Gbs EC0	6 <u>33986-001</u>
HDD, 3.5", 500GB, Hit Jupiter 6Gbs EC0	647466-001
HDD, 3.5", 500GB, SGT Pharaoh 6Gb/s EC0	633980-002
HDD, 3.5", 500GB, WD XL500S 6Gbs EC0	634605-002
HDD, 3.5", 500GB, SGT Pharaoh 6Gb/s EC0	633980-002
HDD, 3.5", 500GB, SGT Pharaoh 6Gb/s EC0,512e	680207-001
HDD, 3.5", 500GB, Hit Mars 6Gbs EC0, 512e	661697-001
HDD, 3.5", 500GB, SGT Pharaoh 6Gb/s EC0,512e,RTL	680921-001
HDD, 3.5", 500GB, WD XL500A 6Gbs EC0	634605-003





2



Standard Boards

System boards		
1	System board	683037-001
Mer	nory modules (PC3-10600)	
2	1 GB	.497156-D88
*	2 GB	-497157-D88
*	4 GB	·497158-D88

System Board



System Board Connectors and Jumpers (component location may vary)

1	Front Panel header
2	SATA Power transfer connector
3	Front Dual-USB header
4	Front Single-USB header
5	SATA connectors
6	Front Audio connector
7	Audio ports
8	Lan and Dual-USB ports
9	Dual-USB ports
10	VGA and DVI ports
11	DC_IN port
12	Clear COMS and Password
13	DDR3 DIMM
14	APU Fan header

Computer Setup

Basic system information regarding system information, setup, power management, hardware, and passwords is maintained in the Setup Utility held in the system ROM. The Setup Utility is accessed by pressing the F10 key when prompted (on screen) to do so during the boot sequence. If the screen prompt opportunity is missed, a restart will be necessary...

Computer Setup Menu

Information SKU Number Processor Type/Speed/Stepping Cache Size (L1/L2) Memory Size Channel A Integrated MAC	
Processor Type/Speed/Stepping Cache Size (L1/L2) Memory Size Channel A Integrated MAC	
Cache Size (L1/L2) Memory Size Channel A Integrated MAC	
Memory Size Channel A Integrated MAC	
Channel A Integrated MAC	
Integrated MAC	
a / Diag	
System BIOS	
Chassis Serial Number	
Asset Tag	
(These items will be shown when FBYTE supp	ort.)
About About	
Set Time and Set Time and Date	
Time (hh:mm)	
Date (mm/dd/yyyy)	
Apply Defaults and Exit.	
Ignore Changes and Exit Ignore Changes and Exit	
Save Changes and Exit Save Changes and Exit	
Configuration	
Size/Model/Firmware/Serial Number	
USB	
Size/Model	
CD-ROM	
SATA1	
Model/Firmware/Serial Number	
Diskette (Displayed when connect a USB flopp	y)
Storage Options SATA Emulation	
DPS Self-test DPS Self-test	
When no device	
connected)	
USB Hard Drive	
Legacy Boot Sources	
USB Floppy/CD	
Hard Drive	
Network Controller	
(When related	
device (model name/Windows Boot Manager)	
USB Floppy/CD	
USB Hard Drive	
ATAPI CD-ROM	
Legacy Boot Sources	
Legacy Boot Sources ATAPI CD-ROM	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown)	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password:	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Confirm Password:	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password New Password: New Password:	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password Old Password: Confirm Password: Confirm Password: Confirm Password: Confirm Password: Confirm Password:	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password Device Security Old Password: Confirm Password: Confirm Password: Confirm Password: Confirm Password: Confirm Password: Device Security (Show supported devices only)	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password Power-On Password Device Security USh w supported devices only) System Audio System Audio	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password Old Password: Confirm Password: Confirm Password: Device Security (Show supported devices only) System Audio Network Controller	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password Device Security Old Password: Confirm Password: Confirm Password: Device Security (Show supported devices only) System Audio Network Controller SATA0	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Confirm Password: Power-On Password Device Security (Show supported devices only) System Audio Network Controller SATA0 UISB Security IJSB Security USB Security	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password Device Security Old Password: Confirm Password: Device Security (Show supported devices only) System Audio Network Controller SATA0 USB Security Front USB Ports (This item is shown when front panel is	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password Old Password: Confirm Password: Confirm Password: Device Security (Show supported devices only) System Audio Network Controller SATA0 USB Security Front USB Ports (This item is shown when front panel is connected.)	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Old Password: Confirm Password: Power-On Password Old Password: Confirm Password: Confirm Password: Confirm Password: Device Security (Show supported devices only) System Audio Network Controller SATA0 USB Security Front USB Ports (This item is shown when front panel is connected.) USB Port # (This item is shown when front panel is connected.)	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password Old Password: Confirm Password: Confirm Password: Device Security (Show supported devices only) System Audio Network Controller SATA0 SATA1 USB Security Front USB Ports (This item is shown when front panel is connected.) USB Port # (This item is shown when front panel is connected.)	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password Old Password: Confirm Password: Confirm Password: Device Security (Show supported devices only) System Audio Network Controller SATA0 USB Security Front USB Ports (This item is shown when front panel is connected.) USB Port # (This item is shown when front panel is connected.) Rear USB Ports	
ATAPICD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Power-On Password Old Password: Confirm Password: Confirm Password: Device Security (Show supported devices only) System Audio Network Controller SATA0 SATA1 USB Security Front USB Ports (This item is shown when front panel is connected.) USB Port # USB Ports USB Ports USB Ports	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Confirm Password: Power-On Password Old Password: Confirm Password: Confirm Password: Device Security (Show supported devices only) System Audio Network Controller SATA0 USB Security Front USB Ports (This item is shown when front panel is connected.) USB Port # (This item is shown when front panel is connected.) Rear USB Ports USB Port # Internal USB Ports	
ATAPI CD-ROM Legacy Boot Sources ATAPI CD-ROM USB Floppy/CD Hard Drive SATA0 USB device (the related strings will be shown) Network Controller Security Setup Password Old Password: Confirm Password: Confirm Password: Power-On Password Old Password: Confirm Password: Confirm Password: Device Security (Show supported devices only) System Audio Network Controller SATA0 USB Security Front USB Ports (This item is shown when front panel is connected.) USB Port # (This item is shown when front panel is connected.) Rear USB Ports USB Port # Internal USB Ports USB Port # Internal USB Ports USB Port #	

Security	System IDs	(Non-CTRL-A mode: Read-only, CTRL-A mode: Read-write)		
		Product Name/Serial Number/UUID/SKU Number/Family Name		
		Asset Tag (This item will be shown when FBYTE support.)		
		Feature Byte/Build ID		
		Keyboard		
	System Security	Data Execution Prevention		
		Virtualization Technology		
Power	Hardware Power Management	SATA Power Management		
		S5 Maximum Power Savings		
		S5 Wake on LAN		
	Thermal	CPU Fan Speed		
		CPU Fan Check (accessible via <ctrl-a> key)</ctrl-a>		
Advanced	Power-On Options	POST Messages		
		After Power Loss		
		POST Delay (in seconds)		
	BIOS Power-On	Sunday/Monday/Tuesday/Wednesday /Thursday/Friday/Saturday		
		Time (hh:mm)		
	Bus Options	PCI SERR# Generation		
		PCI VGA Palette Snooping		
	Device Options	Num Lock State at Power-On		
		NIC PXE Option ROM Download		

POST Error Messages

· Time & Date Not Set.

Press<F1> to continue boot. • 511-CPU fan not detected.

Press<F1>to continue boot. • Keyboard Error.

Without press any key, PC will continue boot.

· 1720-SMART Hard Drive detects imminent failure. Failing Drive: SATA# Failing Attribute: #.

Press<F1>to continue boot.

ERROR: No boot disk has been detected or the disk has failed. When no boot device was detected or all detected devices failed to boot, the

BIOS will display the above message and stop. (ERROR: Unsupported CPU installed. Press<F1> within 5 seconds and continue boot.

POST Audible Codes

Pattern	Meaning	Recommended Action
3 times: Once every second, followed by a two second pause.	Unsupported CPU installed.	 Upgrade the BIOS to proper version. Change the processor.
4 times: Once every second, followed by a two second pause. Beeps stop after fifth iteration but LEDs flashes continue until problem is solved.	Power supply failure.	Check if the Power supply is work well.
5 times: Once every second, followed by a two second pause. Beeps stop after fifth iteration but LEDs flashes continue until problem is solved.	Pre-video memory error.	Check if the memory modules have been installed correctly and that proper modules are used.
6 times: Once every second, followed by a two second pause. Beeps stop after fifth iteration but LEDs flashes continue until problem is solved.	Pre-video graphics error.	For systems with a graphics card: 1. Reseat the graphics card. Power on the system. 2. Replace the graphics card. 3. Replace the system board. For systems with integrated graphics, replace the system board.
7 times: Once every second, followed by a two second pause. Beeps stop after fifth iteration but LEDs flashes continue until problem is solved.	System board failure.	Check if the board HW is OK.
8 times: Once every second. Beeps and LED flashes stop after first iteration.	Invalid ROM image detected.	Upgrade the BIOS with proper version.

Resetting the password jumper

1. Shut down the operating system properly, then turn off the computer and any external devices, and disconnect the power cord from the power outlet.

2. With the power cord disconnected, press the power button again to drain the system of any residual power.

3. Remove the access panel.

4. Locate the header and jumper.

5. On systems with 3-pin jumpers, remove the jumper from pins 1 and 2. Place the jumper on pins 2 and 3. On systems with 2-pin jumpers, remove the jumper from pins 1 and 2.

6. Replace the access panel

7. Reconnect the external equipment.

8. Plug in and turn on power. Allow the operating system to start. This clears the current passwords and disables the password feature

9. To establish new passwords, repeat steps 1 - 4, replace the password jumper on pins 1 and 2, then repeat steps 6 - 8. Establish new passwords in Computer Setup.

Clearing and Resetting the CMOS

To provide a jumper to trigger reloading of all BIOS Setup default values. Once the jumper is detected as connected or activated, the BIOS will reset all modifiable BIOS Setup fields to their default values except for the system date, system time, Setup password and Power-On password fields. In addition, display the following message

"Default BIOS settings have been loaded." 1. Turn off the computer and any external devices, and disconnect the power cord from

The power outlet. 2. Disconnect the keyboard, monitor, and any other external equipment connected to the

computer. 3. Remove the access panel

4. Locate the header and jumper.

CAUTION: Make sure you have disconnected the AC power cord from the wall

outlet. Clearing the CMOS while power is connected can damage the system board. 5. Remove the jumper from pins 1 and 2. Place the jumper on pins 2 and 3 6 Place the jumper back on pins 1 and 2

7. Replace the access panel.

8. Reconnect the external equip

9 Plug in and turn on power

NOTE: You will receive POST error messages after clearing CMOS and rebooting

advising you that configuration changes have occurred. Use Computer Setup to reset any special system setups along with the date and time.

Hewlett-Packard Vision Diagnostics

The Hewlett-Packard Vision Diagnostics utility allows you to view information about the hardware configuration of the computer and perform hardware diagnostic tests on the subsystems of the computer. The utility simplifies the process of effectively identifying, diagnosing, and isolating hardware issues.

Use HP Vision Diagnostics to determine if all the devices installed on the computer are recognized by the system and functioning properly.

To access HP Vision Diagnostics, you must create a Recovery Disc Set then boot to the CD containing the utility. It can also be downloaded from http://www.hp.com and either burned to CD or installed to a USB flash drive.

Downloading the Latest Version of HP Vision Diagnostics

1. Go to http://www.hp.com

2 Click the Software & Drivers link

- 3. Select Download drivers and software (and firmware).
- 4. Enter your product name in the text box and press the Enter key.
- 5. Select your specific computer model.

8. Click the Hewlett-Packard Vision Diagnostics link.

NOTE: The download includes instructions on how to create the bootable CD.

Microsoft System Restore

If you have a problem that might be due to software that was installed on your computer, use System Restore to return the computer to a previous restore point. You can also set restore points manually.

NOTE: Always use this System Restore procedure before you use the System Recovery

NOTE: Some features might not be available on systems that are shipped without a version of Microsoft Windows

To start a System Restore:

1. Close all open programs

- Click the Start button, right-click Computer, and then click Properties.
- 3. Click System protection, System Restore, click Next, and then follow the on-screen instructions.

To add restore points manual

1. Close all open programs

2. Click the Start button, right-click Computer, click Properties. and then click System protection

3. Under Protection Settings, select the disk for which you want to create a restore

point. 4. Click **Create**, and then follow the on-screen instructions.

System Recovery

System Recovery completely erases and reformats the hard disk drive, deleting all data files you have created, and then reinstalls the operating system, programs, and drivers.

However, you must reinstall any software that was not installed on the computer at the factory. This includes software that came on media included in the computer accessory box, and any software programs installed after purchase.

You must choose one of the following methods to perform a System Recovery

Recovery Image. Run the System Recovery from a recovery image stored on your hard disk drive. The recovery image is a file that contains a copy of the origina factory-shipped software.

NOTE: The recovery image uses a portion of the hard disk drive that cannot be used for

data storage

*Recovery Discs. Run the System Recovery from a set of recovery discs that you create from files stored on your hard disk drive or purchased separately.

6. Select your OS. 7. Click the Diagnostic link.

9. Click the Download button.

System Recovery Options

You should attempt a System Recovery in the following order: 1. Through the hard disk drive, from the Windows Start menu.

- 2. Through the hard disk drive, by pressing the F11 key on the keyboard during system
- startup.
- 3. Through recovery discs that you create 4. Through recovery discs purchased from HP Support.

System Recovery from the Windows Start Menu

CAUTION: System Recovery deletes all data and programs you created or installed. Back up any important data to a removable disc.

If the computer is working and Windows is responding, use these steps to perform a System Recovery.

- 1. Turn off the computer.
- 2. Disconnect all peripheral devices from the computer except the monitor, keyboard. and mouse.
- 3. Turn on the computer
- 4. Click the Start button, click All Programs, click Recovery Manager, and then click Recovery Manager. If prompted, click Yes to allow the program to continue
- 5. Under I need help immediately, click System Recovery.
- 6. Select Yes, and then click Next. The computer restarts.

NOTE: If the system does not detect a recovery partition, it prompts you to insert a recovery disc. Insert the disc, select Yes, and then click Next to restart the computer and run Recovery Manager from the recovery disc. Insert the remaining recovery discs when prompted. 7. When the computer restarts, once again you see the Recovery Manager welcome

- screen. Under I need help immediately, click System Recovery. If you are prompted to back up your files, and you have not done so, select Back up you files first (recommended), and then click Next. Otherwise, select Recover without backing up your files, and then click Next.
- 8. System Recovery begins. After System Recovery is complete, click Finish to restart the computer
- 9. Complete the registration process, and wait until you see the desktop.

10. Turn off the computer, reconnect all peripheral devices, and turn the computer back on

System Recovery at System Startup

CAUTION: System Recovery deletes all data and programs you created or installed. Back up any important data to a removable disc.

- If Windows is not responding, but the computer is working, follow these steps to perform a System Recovery.
- 1. Turn off the computer. If necessary, press and hold the On button until the computer turns off.
- 2. Disconnect all peripheral devices from the computer, except the monitor, keyboard, and mouse.
- 3. Press the On button to turn on the computer.
- 4. As soon as you see the initial company logo screen appear, repeatedly press the $\ensuremath{\text{F11}}$ key on the keyboard until the Windows is Loading Files... message appears on the screen
- 5. Under I need help immediately, click System Recovery.
- 6. If you are prompted to back up your files, and you have not done so, select Back up your files first (recommended), and then click Next. Otherwise, select Recover without backing up your files, and then click Next.
- 7. System Recovery begins. After System Recovery is complete, click Finish to restart the computer.
- 8. Complete the registration process, and wait until you see the desktop.
- 9. Turn off the computer, reconnect all peripheral devices, and turn the computer back on.

System Recovery from Recovery Discs

- CAUTION: System Recovery deletes all data and programs you created or installed. Back up
- any important data to a removable disc.
- To perform a System Recovery using recovery discs:
- 1. If the computer is working, create a backup DVD containing all the data files you want to save, and then remove the backup disc from the drive tray.
- 2. Insert recovery disc #1 into the DVD drive tray, and close the tray.
- 3. If the computer works, click the Start button, click the Arrow button next to Shut Down and then click Shut Down. Or, if the computer is not responding, press and hold the On button for approximately 5 seconds, or until the computer turns off.
- 4. Disconnect all peripheral devices from the computer except the monitor, keyboard, and mouse.
- 5. Press the On button to turn on the computer. If you are prompted to choose between running System Recovery from disc or from hard drive, select Run program from disc. and then click Next.
- 6. Under I need help immediately, click Factory Reset.
- 7. If you are prompted to back up your files, and you have not done so, select Back up your files first (recommended), and then click Next. Otherwise, select Recover without backing up your files, and then click Next.
- 8. If you are prompted to insert the next recovery disc, do so.
- When the Recovery Manager is finished, remove all recovery discs from the system.
 Click Finish to restart the computer.