Computer Setup menus

The menu tables in this section provide an overview of Computer Setup options.

NOTE: Some of the Computer Setup menu items listed in this chapter may not be supported by your computer.

File menu

Select	To do this
System Information	● View identification information for the computer and the batteries in the system. ● View specification information for the processor, cache and memory size, system ROM, video revision, and keyboard controller version.
Set System Date and Time	Set or change the date and time on the computer.

System Diagnostics	Displays the following information:
	
	● System Information
	
	   ◦ Identification information for the computer and the batteries in the system.
	
	   ◦ Specification information for the processor, cache and memory size, system ROM, video revision, and keyboard controller version.
	
	● Start-up Test—Verifies the system components needed for starting the computer.
	
	● Run-In Test—Runs a comprehensive check on system memory.
	
	● Hard Disk Test—Runs a comprehensive self-test on any hard drive in the system.
	
	● Memory Test—Runs a comprehensive test on any memory installed in the computer.
	
	● Battery Test—Runs a comprehensive test on any batteries installed in the computer.
	
	● Error Log—Displays a log file if any errors have occurred.

Restore defaults	Replace the configuration settings in Computer Setup with the original factory settings. (Hard drive mode, password settings, and security settings are not changed when you restore the factory settings.)
Reset BIOS security to factory default	Restore the BIOS security settings to the factory default.
Ignore changes and exit	Cancel any changes entered during the current session. Then, exit and restart the computer.
Save changes and exit	Save any changes entered during the current session. Then, exit and restart the computer. Your changes go into effect when the computer restarts.

Security menu

NOTE: Some of the menu items listed in this section may not be supported by your computer.

Select	To do this
Administrator Tools	
Setup BIOS Administrator Password	Set up a BIOS administrator password.
User Management (requires a BIOS administrator password)	
Create New BIOS User Account	● Select from a list of BIOS users. ● Select from a list of ProtectTools users.
Password Policy (requires a BIOS administrator password)	Revise password policy criteria.
HP SpareKey	Enable/disable HP SpareKey (enabled by default).
Always Prompt for HP SpareKey Enrollment	Enable/disable HP SpareKey enrollment (enabled by default).
Fingerprint Reset on Reboot (if present)	Reset/clear the fingerprint reader ownership (select models only; disabled by default).
User Tools	
Change Password	Enter, change, or delete a BIOS administrator password.
HP SpareKey Enrollment	Enroll or reset HP SpareKey, which is a set of security questions and answers used if you forget your password.
Anti Theft	
AT-p	Enable/disable Anti-Theft Protection.
DriveLock Passwords	● Enable/disable DriveLock on any computer hard drive (enabled by default). ● Change a DriveLock user password or master password. **NOTE:** DriveLock settings are accessible only when you enter Computer Setup by turning on (not restarting) the computer.
Automatic DriveLock	Enable/disable Automatic DriveLock support.
TPM Embedded Security	Enable/disable support for Trusted Platform Module (TPM) Embedded Security, which protects the computer from unauthorized access to owner functions available in Embedded Security for ProtectTools. For more information, refer to the ProtectTools software Help. **NOTE:** You must have a setup password to change this setting.
Disk Sanitizer	Run Disk Sanitizer to destroy all existing data on the primary hard drive or the drive in the upgrade bay. **CAUTION:** If you run Disk Sanitizer, the data on the selected drive is destroyed permanently.
System IDs	Enter a user-defined computer asset tracking number and ownership tag.

System Configuration menu

NOTE: Some of the listed System Configuration options may not be supported by your computer.

Select	To do this
Language	Change the Computer Setup language.
Boot Options	- Set a Startup Menu delay (in seconds). - Set the Multiboot Express Boot Popup delay (in seconds). - Enable/disable Custom Logo (disabled by default). - Enable/disable Display Diagnostic URL (enabled by default). - Enable/disable CD-ROM boot (disabled by default). - Enable/disable SD Card boot (enabled by default). - Enable/disable floppy boot (enabled by default). - Enable/disable PXE Internal NIC boot (enabled by default). - Enable/Disable Unified Extensible Firmware Interface (UEFI) Boot Mode (disabled by default). - Set the Legacy Boot Order.
Device Configurations	- Enable/disable USB legacy support (enabled by default). When enabled, USB legacy support allows the following: - Use of a USB keyboard in Computer Setup even when a Windows operating system is not running. - Startup from bootable USB devices, including a hard drive, diskette drive, or optical drive connected by a USB port to the computer. - Select a parallel port mode: ECP (Enhanced Capabilities Port), standard, bidirectional, or EPP (Enhanced Parallel Port). - Enable/disable fan always on while connected to an AC outlet (enabled by default). - Enable/disable Data Execution Prevention (select models only). When enabled, the processor can disable some virus code execution, which helps to improve computer security (disabled by default). - SATA (Serial Advanced Technology Attachment) device mode. The following options are available: - AHCI (Advanced Host Controller Interface) - IDE (Integrated Drive Electronics) - RAID (Redundant Array of Independent Disks) (select models only)

Select	To do this
	NOTE: Availability of these options varies by computer model.
	● Enable/disable secondary battery fast charge (enabled by default).
	● Enable/disable HP QuickLook (enabled by default).
	● Enable/disable Preboot Authentication on HP QuickLook Boot (enabled by default).
	● Enable/disable HP QuickWeb (enabled by default).
	● Enable/disable HP QuickWeb: Write Protect (disabled by default).
	● Enable/disable Virtualization Technology (select models only; disabled by default).
	● Enable/disable TXT (Intel Trusted Execution Technology) (select models only; disabled by default).
	● Multi Core CPU (enabled by default).
	● Intel HT Technology (enabled by default).
	● Enable/disable Wake on USB (enabled by default).
	● Enable/disable Num lock state at boot (disabled by default).

Select	To do this
Built-In Device Options	• Enable/disable the wireless button state (enabled by default).
	• Enable/disable embedded WLAN device radio (select models only; enabled by default).
	• Enable/disable the embedded Bluetooth device radio (enabled by default).
	• Enable/disable the Network Interface Controller (NIC) (enabled by default).
	• Enable/disable LAN/WLAN switching (disabled by default).

	• Set the wake on LAN state. Options include the following:
	
	  ◦ Disabled
	
	  ◦ Boot to Network
	
	  ◦ Follow Boot Order

	• Enable/disable the Ambient Light Sensor.
	• Enable/disable the Notebook Upgrade Bay device (enabled by default).
	• Enable/disable the fingerprint device (enabled by default).
	• Enable/disable the integrated camera (enabled by default).
	• Enable/disable the Power Monitor Circuit (enabled by default).
	• Enable/disable the audio device (enabled by default).
	• Enable/disable a modem device (enabled by default).
	• Enable/disable the microphone (enabled by default).
	• Enable/disable the internal speakers (enabled by default).

Select	To do this
Port Options	NOTE: All port options are enabled by default.
	● Enable/disable the serial port.
	● Enable/disable the parallel port.
	● Enable/disable the flash media reader.
	● Enable/disable the USB port.
	CAUTION: Disabling the USB port also disables MultiBay devices and ExpressCard devices on the advanced port replicator.
	● Enable/disable the 1394 port.
	● Enable/disable the ExpressCard slot.
	● Enable/disable the Smart Card slot.
	● Enable/disable the eSATA port.
AMT Options	● Enable/disable Firmware Verbosity.
	● Enable/disable AMT Setup Prompt (Ctrl+P).
	● Enable/disable USB Key Provisioning Support.
	● Enable/disable Unconfigure AMT on next boot.
	● Select Terminal Emulation Mode.
	◦ ANSI
	◦ VT100
	● Enable/disable Firmware Progress Event Support.
	● Enable/disable Initiate Intel CIRA.
Set Security Level	Change, view, or hide security levels for all BIOS menu items.
Restore Security Defaults	Restore the default security settings.