

HP ProBook 6450b Notebook PC Specifications

Chipset	Mobile Intel HM57 express chipset (non-vPro configurations)
Processor	Intel Core i5-520M Processor (2.40 GHz, 35 W, 3MB L3 cache), up to 2.93 GHz with Intel Turbo Boost Technology
Memory type supported	DDR3 PC3-10600 SDRAM (1333 MHz)
Memory expansion slots	Two SODIMM slots supporting dual-channel memory 1024MB, 2048MB and 4096MB SODIMMs
Maximum memory	Upgradeable to 8GB with 4GB SODIMMs in slots 1 and 2
Memory	HP 4GB (DDR3, 1333 MHz) SODIMM
Graphics	Intel HD Graphics
Internal storage	Hard drive: 160GB, 7200 RPM, SMART SATA II
Upgrade bay	DVD+/-RW SuperMulti DL LightScribe drive
Internal display	14.0-inch diagonal LED-backlit HD BrightView (1366 x 768 resolution)
External display	Up to 32-bit per pixel color depth DisplayPort supports resolutions up to 2560 x 1600, 30-bit color depth at 60 Hz, and full HD (1920 x 1080) monitors, 24-bit color depth at 120 Hz VGA port supports resolutions up to 2048 x 1536 at 75 Hz, and lower resolutions at up to 100 Hz DVI-D (single link) video signal available through DVI port in optional HP Docking Station supports resolutions up to 1600 x 1200 at both full and reduced blanking, and 1920 x 1200 at reduced blanking NOTE: Resolutions are dependent upon monitor capability, and resolution and color depth settings.
Communications	Integrated Intel 82577LC Gigabit Network Connection 56K V.92 modem
Wireless devices	Broadcom 4313GN 802.11 b/g/n WiFi adapter HP Integrated Module with Bluetooth 2.1+EDR wireless technology

Multimedia	<p>IDT 92HD75B High Definition CODEC</p> <p>Integrated stereo speakers</p> <p>Integrated microphone (dual-microphone array when equipped with optional 2 MP webcam)</p> <p>Touch-sensitive controls for volume up, volume down, and mute</p> <p>Stereo headphone/line-out</p> <p>Stereo microphone/line-in</p> <p>2 MP webcam</p> <p>Supports videoconferencing and still image capture</p> <p>Large image sensor for excellent color matching and good low light sensitivity</p> <p>Up to 30 frames/sec</p> <p>Fixed focus lens</p> <p>Video capture at VGA, 1.3 Mpixel, and 2 Mpixel resolutions</p> <p>16-bit true color (camera sensors output YCrCb format among others)</p>
Keyboard	<p>The HP spill-resistant keyboard is designed using a thin layer of Mylar film under the keyboard and a drain system that funnels fluid through a hole in the bottom of the notebook.</p>
Touch-sensitive controls	<p>Touch-sensitive controls provide easy access to the following features: HP QuickLook 3, HP QuickWeb, wireless on/off, volume mute, volume down, volume up. The HP ProBook 6550b also features a calculator button.</p>
Pointing device	<p>Touchpad with scroll zone, two pick buttons</p> <p>pointstick with two additional pointstick buttons</p>
Expansion card slots	<p>ExpressCard/54 slot</p> <p>Optional Integrated Smart Card Reader (replaces ExpressCard/54 slot)</p> <p>Media card reader that supports the following:</p> <p>Secure Digital (SD)</p> <p>High Capacity Secure Digital (HS-SD)</p> <p>MultiMedia Card (MMC)</p> <p>MultiMedia Card Plus (HS-MMC)</p> <p>Sony Memory Stick</p> <p>Sony Memory Stick Pro</p> <p>Memory Stick Duo</p> <p>NOTE: Memory Stick Duo Adapters are required and sold separately. Inserting a Memory Stick Duo Card directly into your notebook could damage the memory card</p>

	and/or notebook.
Security	Standard features HP ProtectTools Security Manager Enhanced Pre-Boot Security HP SpareKey One-Step Logon Setup Password TPM 1.2 Embedded Security Chip ¹ TPM Enhanced DriveLock ¹ HP Disk Sanitizer Lock slot Support for Computrace ² LoJack Pro for HP ProtectTools.
Interfaces	ExpressCard/54 slot: One (or optional Smart Card Reader) External monitor: Two - (1) DisplayPort, (1) VGA 1394a: One Stereo microphone-in: One Stereo headphone/line-out: One Power connector: One RJ-11/modem: One RJ-45/Ethernet: One USB 2.0: One eSATA/USB 2.0 combo: One Serial port: One (HP ProBook 6550b only) Docking connector: One Secondary battery connector: One
Power supply	External 65-watt Smart AC adapter
Battery	HP 6-cell (47 Wh) Li-Ion battery

Software overview

Feature	Description
Operating system	Preinstalled Genuine Windows 7 Home Premium Edition 32-bit