

# HP ProBook 4510s Notebook PC (FM849UT) - Specifications and Warranty

Price: \$799.99\*



System features	
See detailed specs	US QuickSpecs » <a href="#">html</a> » <a href="#">pdf</a>
Operating system	<a href="#">Genuine</a> Windows Vista® Business with downgrade to Windows® XP <a href="#">Professional custom installed</a>
Specialized Design	HP 3D DriveGuard
Processors available	Intel® Core™ 2 Duo Processor T6570 (2.10 GHz, 2 MB L2 cache, 800 MHz FSB)
Chipset	Mobile Intel® GM45 Express Chipset ICH9M-Enhanced
Memory	
Memory	3 GB 800 MHz DDR2 SDRAM
Memory upgrade	Upgradeable to 8 GB maximum (4 GB SODIMM in slots 1 and 2)
Memory slots	2 DIMM
Storage	

Hard drive	320 GB 5400 rpm SATA II
Optical Drives	LightScribe DVD+/-RW SuperMulti with Double Layer
<b>Graphics and Input/Output devices</b>	
Display size	15.6-inch diagonal LED-backlit HD BrightView 1366 x 768
Graphics	Mobile Intel® 4500MHD
Integrated camera	2 MP webcam
<b>Audio, Slots, and Ports</b>	
Audio	High Definition Audio support; Integrated stereo speakers; Integrated microphone; Stereo headphone/line out; Stereo microphone in
I/O Ports	External: 4 USB 2.0 1 external VGA monitor 1 microphone in 1 headphone/line-out 1 RJ-11 (optional) 1 AC power 1 HDMI 1 RJ-45
Slots	1 Express Card/34 1 media card reader
<b>Communication features</b>	
Network interface	10/100/1000 NIC
Wireless	Intel 802.11 a/b/g/draft n (up to 300 mbps data rate); Bluetooth 2.0
<b>Product specifications</b>	
Weight	Starting at 5.7 lb (Starting at 2.59 kg)
Dimensions (w x d x h)	14.6 x 9.83 x 1.24 in (371.0 x 249.6 x 31.5 mm)
<b>Energy Efficiency</b>	
Energy Efficiency	<a href="#">ENERGY STAR</a> ® qualified; EPEAT™ Gold
Battery	6-cell (47 WHr) Lithium-Ion
Battery Life	Up to 5 hours

Power supply	External 65-watt Smart AC adapter; External 90-watt Smart AC adapter (discrete); HP Fast Charge
<b>Manageability</b>	
Security management	HP ProtectTools; Device Access Manager; Enhanced Pre-Boot Security; HP Spare Key; HP Disk Sanitizer; Drive Encryption for HP ProtectTools; Credential Manager for HP ProtectTools; File Sanitizer for HP ProtectTools; Kensington Lock slot; McAfee Security Solution
<b>Service and Support</b>	
Warranty Feature	HP Services includes a one-year standard parts and labor warranty, pick-up or carry-in, and toll-free 7 x 24 hardware technical phone support. On-site service and warranty upgrades are also available.