



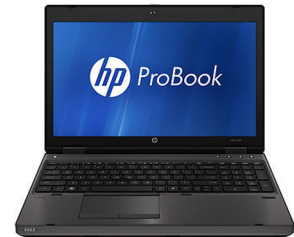
HP ProBook 6560b Intel® Core™ i5 i5-2450M 39.6 cm (15.6") 4 GB DDR3-SDRAM 500 GB HDD AMD Radeon HD 6470M Wi-Fi 4 (802.11n) Windows 7 Professional

Brand : HP

Product family: ProBook

Product code: LY448ET

Product name : 6560b



ProBook 6560b - Intel® Core™ i5-2450M 2.50GHz, 4GB 1333MHz DDR3 SDRAM, 500GB 7200rpm SATA II, DVD+/-RW SuperMulti DL, 39.6cm (15.6") HD, AMD Radeon HD 6470M, 720p HD Webcam, 802.11b/g/n, Bluetooth 2.1+EDR, Windows® 7 Professional 64

HP ProBook 6560b. Processor family: Intel® Core™ i5, Processor model: i5-2450M, Processor frequency: 2.5 GHz. Display diagonal: 39.6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics 3000, Discrete graphics card model: AMD Radeon HD 6470M. Operating system installed: Windows 7 Professional. Weight: 2.5 kg

Design		Performance	
Country of origin	China	Motherboard chipset	Intel® HM65 Express
Display		Keyboard	
Display diagonal *	39.6 cm (15.6")	Pointing device	Touchpad
Display resolution *	1366 x 768 pixels	Numeric keypad *	✓
LED backlight	✓	Spill-resistant keyboard	✓
Native aspect ratio	16:9	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Trial software	Norton Internet Security 2011
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 7 Professional
Processor generation	2nd gen Intel® Core™ i5	Processor special features	
Processor model *	i5-2450M	Intel® Wireless Display (Intel® WiDi)	✓
Processor cores	2	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	4	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor boost frequency	3.1 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	2.5 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	5 GT/s	Intel® Turbo Boost Technology	2.0
Processor cache	3 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	32 nm	Intel Clear Video Technology	✗
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i5-2400 Mobile Series	Intel® Insider™	✓
Processor codename	Sandy Bridge	Intel® Quick Sync Video Technology	✓
Bus type	DMI	Intel Flex Memory Access	✓
FSB Parity	✗	Intel® Smart Cache	✓
Stepping	J1	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	35 W	Intel Trusted Execution Technology	✗
Tjunction	100 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	2.0	Intel Demand Based Switching	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4		
CPU multiplier (bus/core ratio)	25		
ECC supported by processor	✗		
Memory			
Internal memory *	4 GB		
Internal memory type	DDR3-SDRAM		
Memory clock speed	1333 MHz		
Memory slots	2x SO-DIMM		

Memory		Processor special features	
Maximum internal memory *	16 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Storage		Intel 64	✓
Total storage capacity *	500 GB	Execute Disable Bit	✓
Storage media *	HDD	Idle States	✓
Total HDDs capacity	500 GB	Thermal Monitoring Technologies	✓
Number of HDDs installed	1	Processor package size	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
HDD capacity	500 GB	Supported instruction sets	AVX
HDD interface	SATA II	Processor code	SR04Z
HDD speed	7200 RPM	CPU configuration (max)	1
Optical drive type *	DVD Super Multi DL	Embedded options available	✗
Card reader integrated	✓	Graphics & IMC lithography	32 nm
Compatible memory cards	MMC, SD	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Graphics		Intel Identity Protection Technology version	1.00
Discrete graphics card model *	AMD Radeon HD 6470M	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card memory	0.512 GB	Intel Dual Display Capable Technology	✓
Discrete graphics memory type	GDDR3	Intel FDI Technology	✓
On-board graphics card *	✓	Intel Rapid Storage Technology	✗
Discrete graphics card *	✓	Intel Fast Memory Access	✓
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	53452
On-board graphics card model *	Intel® HD Graphics 3000	Conflict-Free processor	✗
On-board graphics card base frequency	650 MHz	Integrated 4G WiMAX	✓
On-board graphics card dynamic frequency (max)	1300 MHz	Battery	
On-board graphics card ID	0x116	Battery technology	Lithium-Ion (Li-Ion)
Audio		Number of battery cells	6
Audio system	SRS PS	Battery capacity *	51 Wh
Number of built-in speakers	2	Power	
Built-in microphone	✓	AC adapter power	65 W
Network		DC-in jack	✓
Wi-Fi	✓	Security	
Networking features	Gigabit Ethernet	Cable lock slot	✓
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Trusted Platform Module (TPM)	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Operational conditions	
Ethernet LAN	✓	Operating temperature (T-T)	5 - 35 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating relative humidity (H-H)	10 - 90%
Bluetooth	✓	Sustainability	
Bluetooth version	2.1+EDR	Sustainability certificates	ENERGY STAR
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	
Ports & interfaces		Width	374 mm
USB 2.0 ports quantity *	4	Depth	251 mm
eSATA/USB 2.0 ports quantity	1	Height	34 mm
Ethernet LAN (RJ-45) ports	1	Weight *	2.5 kg
DisplayPorts quantity	1	Packaging content	
DVI port	✗	AC adapter included *	✓
VGA (D-Sub) ports quantity	1	Other features	
Firewire (IEEE 1394) ports	1	Infrared data port	✗
Headphone outputs	1	Graphics card family	AMD, Intel
S/PDIF out port	✗	Type	PC
Microphone in	✓	Display	LED
Docking connector	✓	Intel segment tagging	Enterprise
ExpressCard slot	✓		
CardBus PCMCIA slot type	✗		
Modem (RJ-11) ports	1		
TV-out	✗		
Serial ports quantity	1		



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