



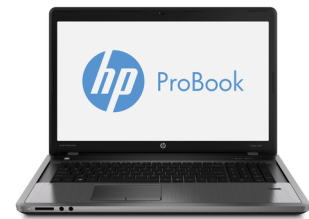
HP ProBook 4740s Intel® Core™ i7 i7-3632QM 43.9 cm (17.3")
HD+ 4 GB DDR3-SDRAM 750 GB HDD AMD Radeon HD 7650M
Windows 8 ,

: HP

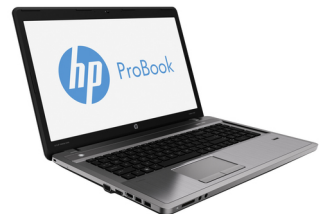
: ProBook

: C8H84PA

: 4740s



HP ProBook 4740s. : . : Intel® Core™ i7, : i7-3632QM, : 2.2 GHz. (): 43.9 cm (17.3"), HD : HD+, : 1600 x 900 . : 4 GB, : DDR3-SDRAM. : 750 GB, : HDD , : DVD Super Multi DL . : Intel® HD Graphics 4000. : Windows 8. : ,



Design		Keyboard	
Product colour *	Aluminium, Black	Full-size keyboard	✓
Form factor *	Clamshell	Windows keys	✓
Country of origin	China	Software	
Display		Operating system architecture	64-bit
Display diagonal *	43.9 cm (17.3")	Drivers included	✓
Display resolution *	1600 x 900 pixels	Operating system installed *	Windows 8
Touchscreen *	✗	Processor special features	
HD type	HD+	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Native aspect ratio	16:9	Intel® Anti-Theft Technology (Intel® AT)	✓
Display diagonal (metric)	43.9 cm	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	2.0
Processor family *	Intel® Core™ i7	Enhanced Intel SpeedStep Technology	✓
Processor generation	3rd gen Intel® Core™ i7	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor model *	i7-3632QM	Intel Clear Video Technology	✗
Processor cores	4	Intel® InTru™ 3D Technology	✓
Processor threads	8	Intel® Insider™	✓
Processor boost frequency	3.2 GHz	Intel® Quick Sync Video Technology	✓
Processor frequency *	2.2 GHz	Intel Flex Memory Access	✓
System bus rate	5 GT/s	Intel® Smart Cache	✓
Processor cache	6 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	Socket 1224	Intel Enhanced Halt State	✓
Processor lithography	22 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit		
Processor series	Intel Core i7-3600 Mobile series		
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		
Thermal Design Power (TDP)	35 W		
Tjunction	105 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel Demand Based Switching	✗
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Number of processors supported	1	Intel 64	✓
CPU multiplier (bus/core ratio)	22	Execute Disable Bit	✓
ECC supported by processor	✗	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	4 GB	Processor package size	37.5 x 37.5 (rPGA988B)
Internal memory type	DDR3-SDRAM	Supported instruction sets	AVX
Memory clock speed	1333 MHz	CPU configuration (max)	1
Memory slots	2x SO-DIMM	Embedded options available	✗
Maximum internal memory *	8 GB	Graphics & IMC lithography	22 nm
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Total storage capacity *	750 GB	Intel Identity Protection Technology version	1.00
Storage media *	HDD	Intel Secure Key Technology version	1.00
Number of HDDs installed	1	Intel Virtualization Technology (VT-x)	✓
HDD capacity	750 GB	Intel Dual Display Capable Technology	✓
HDD interface	SATA II	Intel FDI Technology	✓
HDD speed	5400 RPM	Intel Rapid Storage Technology	✗
HDD size	2.5"	Intel Fast Memory Access	✓
Optical drive type *	DVD Super Multi DL	Processor ARK ID	71458
Card reader integrated	✓	Conflict-Free processor	✓
Graphics		Integrated 4G WiMAX	✓
Discrete graphics card model *	AMD Radeon HD 7650M	Battery	
Discrete graphics card memory	2 GB	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics memory type	GDDR3	Number of battery cells	8
On-board graphics card *	✓	Battery capacity *	73 Wh
Discrete graphics card *	✓	Battery life (max)	10.5 h
On-board graphics card family	Intel® HD Graphics	Power	
On-board graphics card model *	Intel® HD Graphics 4000	AC adapter power	90 W
On-board graphics card base frequency	650 MHz	AC adapter frequency	50 - 60 Hz
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x166	AC adapter output voltage	19 V
Number of discrete graphics cards	1	Power auto-sensing	✓
Audio		DC-in jack	✓
Audio system	SRS Premium PRO	Security	
Built-in speaker(s)	✓	Cable lock slot	✓
Number of built-in speakers	2	Operational conditions	
Built-in microphone	✓	Operating temperature (T-T)	5 - 35 °C
Network		Operating relative humidity (H-H)	10 - 85%
Wi-Fi	✓	Certificates	
Networking features	Gigabit Ethernet, WLAN	Compliance certificates	RoHS
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Sustainability	
Ethernet LAN	✓	Sustainability certificates	ENERGY STAR
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Bluetooth	✓	Width	413 mm
Cabling technology	10/100/1000Base-T(X)	Depth	279 mm
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n	Height	29 mm
Ports & interfaces		Weight *	2.92 kg
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
Ethernet LAN (RJ-45) ports	1		

Ports & interfaces		Packaging content	
HDMI ports quantity *	1	AC adapter included *	✓
DVI port	✗	Cables included	AC
VGA (D-Sub) ports quantity	1	Manual	✓
Headphone outputs	1	Warranty card	✓
S/PDIF out port	✗	Other features	
Microphone in	✓	Infrared data port	✗
ExpressCard slot	✗	Graphics card family	AMD, Intel
CardBus PCMCIA slot type	✗	Type	PC
SmartCard slot	✗	Maximum internal memory (64-bit)	8 GB
Headphone connectivity	3.5 mm	Power supply type	AC/DC
Microphone connectivity	3.5 mm	Number of products included	1 pc(s)
Performance		Ethernet interface type	Gigabit Ethernet
Motherboard chipset	Intel HM76 Express	Number of speakers	2
Keyboard		Intel segment tagging	Enterprise
Pointing device	Touchpad		
Numeric keypad *	✓		
Spill-resistant keyboard	✓		



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