

HP ProBook 4730s Intel® Core™ i5 i5-2410M Ноутбук 43,9 см (17.3") HD+ 4 ГБ DDR3-SDRAM 640 ГБ Жорсткий диск AMD Radeon HD 6490M Windows 7 Home Premium Чорний, Срібний

Виробник: НР Код продукту: A1F10EA Сімейство продуктів:

ProBook

Назва моделі: 4730s

HP ProBook 4730s. Тип продукту: Ноутбук, Формат: Розкладний. Родина процесорів: Intel® Core™ і5, Модель процесора: i5-2410М, Тактова частота процесора: 2,3 ГГц. Діагональ дисплею: 43,9 см (17.3"), Тип HD: HD+, Роздільна здатність дисплея: 1600 x 900 пікселів. Оперативна пам'ять: 4 ГБ, Тип внутрішньої пам'яті: DDR3-SDRAM. Повний об'єм зберігання: 640 ГБ, Носій: Жорсткий диск, Тип оптичного приводу: DVD Super Multi DL. Операційна система, яку встановлено: Windows 7 Home Premium. Колір продукту: Чорний, Срібний





Design		Keyboard	
Product type *	Laptop	Numeric keypad *	✓
Product colour *	Black, Silver	Full-size keyboard	✓
Form factor *	Clamshell	Windows keys	1
Country of origin	China	Software	
Display		Operating system architecture	64-bit
Display diagonal *	43.9 cm (17.3")	Drivers included	<i>y</i>
Display resolution *	1600 x 900 pixels	Trial software	Norton Internet Security 2011
Touchscreen *	×	Operating system installed *	Windows 7 Home Premium
HD type	HD+	. 5,	
Panel type	SVA	Processor special features	
LED backlight Native aspect ratio	✓ 16:9	Intel® Wireless Display (Intel® WiDi)	✓
Processor	10.9	Intel® My WiFi Technology (Intel® MWT)	✓
Processor manufacturer *	Intel	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor family *	Intel® Core™ i5	Intel® Smart Response Technology	×
Processor generation	2nd gen Intel® Core™ i5	Intel® Identity Protection	^
Processor model *	i5-2410M	Technology (Intel® IPT)	1
Processor cores	2	Intel® Hyper Threading Technology	,
Processor threads Processor boost frequency	4 2.9 GHz	(Intel® HT Technology)	
Processor frequency *	2.3 GHz	Intel® Turbo Boost Technology	2.0
System bus rate	5 GT/s	Intel® Small Business Advantage (Intel® SBA)	×
Processor cache	3 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Intel® Clear Video HD Technology	
Processor socket	BGA 1023	(Intel® CVT HD)	1
Processor lithography	32 nm 64-bit	Intel Clear Video Technology	×
Processor operating modes Processor series	ทtel Core i5-2400 Mobile Series	Intel® InTru™ 3D Technology	✓
Processor codename	Sandy Bridge	Intel® Insider™	×
Bus type	DMI	Intel® Quick Sync Video Technology	√
FSB Parity	×	Intel Flex Memory Access	· •
	•	mes	•

Processor		Processor special features	
	11	•	
Stepping Thermal Design Power (TDP) Tunction	J1 35 W 100 °C	Intel® Smart Cache Intel® AES New Instructions (Intel® AES-NI)	×
Tjunction Maximum number of PCI Express		Intel Trusted Execution Technology	×
lanes	16	Intel Enhanced Halt State	^ ✓
PCI Express slots version	2.0	Intel VT-x with Extended Page	
PCI Express configurations	1x8, 1x16, 2x4, 2x8	Tables (EPT)	✓
CPU multiplier (bus/core ratio) ECC supported by processor	23 X	Intel Demand Based Switching	X
	^	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT	×
Memory	4.00	for MID)	
Internal memory * Internal memory type	4 GB DDR3-SDRAM	Intel 64	✓
Memory clock speed	1333 MHz	Execute Disable Bit	✓
Memory slots	2x SO-DIMM	Idle States	✓
Maximum internal memory *	8 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Total storage capacity * Storage media *	640 GB HDD	Supported instruction sets	AVX
Number of HDDs installed	ноо 1	Embedded options available	X 22 nm
HDD capacity	640 GB	Graphics & IMC lithography Intel Virtualization Technology for	32 nm
HDD interface	SATA II	Directed I/O (VT-d)	X
HDD speed Optical drive type *	5400 RPM DVD Super Multi DL	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Graphics Discrete graphics card model *	AMD Radeon HD 6490M	Intel Dual Display Capable Technology	•
Discrete graphics memory type	GDDR5	Intel FDI Technology	✓
On-board graphics card *	✓	Intel Rapid Storage Technology	X
Discrete graphics card *	✓	Intel Fast Memory Access	✓
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	52224
On-board graphics card model *	Intel® HD Graphics 3000	Conflict-Free processor	X
On-board graphics card base frequency	650 MHz	Integrated 4G WiMAX	✓
On-board graphics card dynamic	1200 MHz	Battery	
frequency (max)		Battery technology	Lithium-lon (Li-lon)
On-board graphics card ID	0x116	Number of battery cells Battery capacity *	8 73 Wh
Audio		Battery life (max)	6 h
Audio system	SRS PS ✓	Power	
Built-in microphone	•	AC adapter power	90 W
Camera		DC-in jack	✓
Front camera	✓	Security	
Network		Cable lock slot	×
Wi-Fi	✓		••
Networking features	Gigabit Ethernet	Operational conditions Operating temperature (T-T)	5 - 35 °C
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Operating relative humidity (H-H)	10 - 90%
Ethernet LAN Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability	
Bluetooth	10,100,1000 MBIU/S ✓	Sustainability Sustainability certificates	ENERGY STAR
Bluetooth version	3.0+HS	·	ENERGI STAN
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	414 mm
Ports & interfaces		Width Depth	414 mm 279 mm
USB 2.0 ports quantity *	3	Height	29 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Weight *	2.92 kg
Ethernet LAN (RJ-45) ports	1	Packaging content	
HDMI ports quantity *	1	AC adapter included *	✓
DVI port	×	Cables included	AC

Ports & interfaces		Other features	
VGA (D-Sub) ports quantity	1	Wireless technology	Wi-Fi
Headphone outputs	1	Infrared data port	×
S/PDIF out port	×	Graphics card family	ATI, Intel
Microphone in	✓	3D	×
Combo headphone/mic port	×	Type	PC
Docking connector	×	Display	LCD
ExpressCard slot	✓	Power supply type	AC Enterprise
CardBus PCMCIA slot type	×	Intel segment tagging	
SmartCard slot	X		
Performance			
Motherboard chipset	Intel® HM65 Express		
Keyboard			
Pointing device	Trackpad		





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