



## HP 620 Intel® Celeron® M T3000 39,6 cm (15.6") 3 GB DDR3-SDRAM 500 GB Intel® GMA 4500MHD Windows 7 Home Premium Black

Brand : HP

Product code: WT187ES

Product name : 620



HP 620. Processor family: Intel® Celeron® M, Processor model: T3000, Processor frequency: 1,8 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 3 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Optical drive type: DVD Super Multi DL. Discrete graphics card model: Intel® GMA 4500MHD. Operating system installed: Windows 7 Home Premium. Product colour: Black. Weight: 2,49 kg

Design		Software	
Product colour *	Black	Operating system installed *	Windows 7 Home Premium
Country of origin	China	<b>Processor special features</b>	
Display		Intel® Wireless Display (Intel® WiDi)	×
Display diagonal *	39,6 cm (15.6")	Intel® My WiFi Technology (Intel® MWT)	×
Display resolution *	1366 x 768 pixels	Intel® Anti-Theft Technology (Intel® AT)	×
LED backlight	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	×
Native aspect ratio	16:9	Intel® Turbo Boost Technology	×
Processor		Enhanced Intel SpeedStep Technology	×
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	×
Processor family *	Intel® Celeron® M	Intel Clear Video Technology	×
Processor model *	T3000	Intel® InTru™ 3D Technology	×
Processor cores	2	Intel® Insider™	×
Processor threads	2	Intel® Quick Sync Video Technology	×
Processor frequency *	1,8 GHz	Intel Flex Memory Access	×
Processor cache	1 MB	Intel® AES New Instructions (Intel® AES-NI)	×
Processor cache type	L2	Intel Trusted Execution Technology	×
Processor socket	Socket 478	Intel Enhanced Halt State	×
Processor front side bus	800 MHz	Intel VT-x with Extended Page Tables (EPT)	×
Processor lithography	45 nm	Intel Demand Based Switching	×
Processor operating modes	64-bit	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	×
Processor codename	Penryn	Intel 64	✓
Bus type	FSB	Execute Disable Bit	✓
FSB Parity	×		
Stepping	R0		
Thermal Design Power (TDP)	35 W		
Tcase	105 °C		
Number of Processing Die Transistors	410 M		
Processing Die size	107 mm²		
CPU multiplier (bus/core ratio)	9		
ECC supported by processor	×		

Memory		Processor special features	
Internal memory *	3 GB	Thermal Monitoring Technologies	✗
Internal memory type	DDR3-SDRAM	Processor package size	35 x 35 mm
Memory layout (slots x size)	1 x 1 + 1 x 2 GB	Processor code	SLGMY
Memory slots	2x SO-DIMM	Embedded options available	✗
Maximum internal memory *	8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Storage		Intel Virtualization Technology (VT-x)	✗
Total storage capacity *	500 GB	Intel Dual Display Capable Technology	✗
Hard drive interface	SATA	Intel FDI Technology	✗
Hard drive speed	7200 RPM	Intel Rapid Storage Technology	✗
Optical drive type *	DVD Super Multi DL	Intel Fast Memory Access	✗
Card reader integrated	✓	Processor ARK ID	40738
Compatible memory cards	MMC, SD	Conflict-Free processor	✗
Graphics		Battery	
Discrete graphics card model *	Intel® GMA 4500MHD	Number of battery cells	6
Discrete graphics card *	✓	Power	
Audio		DC-in jack	✓
Audio system	High Definition Audio	Security	
Number of built-in speakers	1	Cable lock slot	✓
Network		Cable lock slot type	Kensington
Wi-Fi	✓	Weight & dimensions	
Networking features	Ethernet, Fast Ethernet	Width	371,8 mm
Bluetooth	✓	Depth	249,6 mm
Bluetooth version	2.1+EDR	Height (front)	2,75 cm
Ports & interfaces		Weight *	2,49 kg
USB 2.0 ports quantity *	3	Other features	
Ethernet LAN (RJ-45) ports	1	LightScribe	✓
HDMI ports quantity *	1	Infrared data port	✗
DVI port	✗	Graphics card family	Intel
VGA (D-Sub) ports quantity	1	Type	PC
Headphone outputs	1	Display	LCD
S/PDIF out port	✗	TV-in port	✗
Microphone in	✓	Internal modem	✓
Docking connector	✗	TV tuner integrated	✗
ExpressCard slot	✓	Modem speed	56 Kbit/s
CardBus PCMCIA slot type	✗	Modem type	V.92
SmartCard slot	✓		
Modem (RJ-11) ports	1		
TV-out	✗		
Performance			
Motherboard chipset	Intel® GM45 Express		
Keyboard			
Pointing device	Touchpad		

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