



HP 630 + BT796AA#ABB B950 15.6" Intel® Pentium® 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Home Premium

Brand : HP

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Product name : 630 + BT796AA#ABB

Intel Pentium B950 (2.1GHz, 2MB L3), 15.6" LED HD (1366 x 768), 4GB DDR3 SDRAM, 500GB 5400 rpm SATA II, DVD+/-RW SuperMulti DL, Intel HD Graphics, 802.11b/g/n, Bluetooth 3.0, Windows 7 Home Premium 64 + 90W Slim Adapter (BT796AA#ABB)

HP 630 + BT796AA#ABB. Processor family: Intel® Pentium®, Processor model: B950, Processor frequency: 2.1 GHz. Display diagonal: 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. Operating system installed: Windows 7 Home Premium. Weight: 5.51 lbs (2.5 kg)



Design		Ports & interfaces	
Country of origin	China	Charging port type	DC-in jack
Display		ExpressCard slot	✗
Display diagonal *	15.6"	CardBus PCMCIA slot type	✗
Display resolution *	1366 x 768 pixels	SmartCard slot	✓
LED backlight	✓	TV-out	✗
Native aspect ratio	16:9	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Keyboard layout	QWERTY
Processor model *	B950	Software	
Processor family *	Intel® Pentium®	Operating system architecture	64-bit
Processor frequency *	2.1 GHz	Operating system installed *	Windows 7 Home Premium
Processor threads	2	Processor special features	
System bus rate	5 GT/s	Intel® Wireless Display (Intel® WiDi)	✗
Processor cores	2	Intel® My WiFi Technology (Intel® MWT)	✗
Processor cache	2 MB	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor cache type	L3	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor socket	PGA988	Intel® Turbo Boost Technology	✗
Processor lithography	32 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor series	Intel Pentium B900 Series for Mobile	Intel Clear Video Technology	✗
Processor codename	Sandy Bridge	Intel® InTru™ 3D Technology	✗
Bus type	DMI	Intel® Insider™	✗
FSB Parity	✗	Intel® Quick Sync Video Technology	✗
Motherboard chipset	Intel® HM65 Express	Intel Flex Memory Access	✓
Thermal Design Power (TDP)	35 W	Intel® AES New Instructions (Intel® AES-NI)	✗
Tjunction	85 °C	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	16	Intel Enhanced Halt State	✓
PCI Express slots version	2.0		
PCI Express configurations	1x8, 2x16, 1x8+2x4		
CPU multiplier (bus/core ratio)	21		
ECC supported by processor	✗		

Memory		Processor special features	
Internal memory *	4 GB	Intel VT-x with Extended Page Tables (EPT)	✗
Internal memory type	DDR3-SDRAM	Intel Demand Based Switching	✗
Memory clock speed	1333 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	8 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	500 GB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	37.5x37.5 (rPGA988B)
Number of HDDs installed	1	Supported instruction sets	SSE4.x
HDD interface	SATA II	CPU configuration (max)	1
HDD speed	5400 RPM	Embedded options available	✗
Optical drive type *	DVD Super Multi DL	Graphics & IMC lithography	32 nm
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Compatible memory cards	MMC, SD	Intel Virtualization Technology (VT-x)	✗
Graphics		Intel Dual Display Capable Technology	✓
Discrete graphics card model *	Not available	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	55627
On-board graphics card model *	Intel® HD Graphics	Conflict-Free processor	✗
On-board graphics card base frequency	650 MHz	Integrated 4G WiMAX	✗
On-board graphics card dynamic frequency (max)	1100 MHz	Battery	
Audio		Number of battery cells	6
Audio system	HD Audio	Battery life (max)	5 h
Number of built-in speakers	1	Security	
Built-in microphone	✓	Cable lock slot	✓
Camera		Cable lock slot type	Kensington
Front camera	✗	Weight & dimensions	
Network		Width	14.8" (376 mm)
Wi-Fi	✓	Depth	9.72" (247 mm)
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height	1.25" (31.8 mm)
Ethernet LAN	✓	Weight *	5.51 lbs (2.5 kg)
Bluetooth	✓	Features	
Bluetooth version	3.0+HS	Images Type Map	
Ports & interfaces		Other features	
USB 2.0 ports quantity *	3	Infrared data port	✗
Ethernet LAN (RJ-45) ports	1	Graphics card family	Intel
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		
S/PDIF out port	✗		
Microphone in	✓		
Docking connector	✗		

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