



HP Elite 7100 Intel® Core™ i7 i7-860 4 GB DDR3-SDRAM 1 TB NVIDIA® GeForce® GT 230 Windows 7 Professional Micro Tower PC Black

Brand : HP

Product family: Elite

Product code:
WU391EA#UUZ#*B2

Product name : Elite 7100

Elite 7100 Microtower PC, Intel Core i7-860 (2.80 GHz, 8M Cache), 4GB (2x 2048MB) DDR3 1333MHz, 1000GB SATA 7200RPM HDD, NVIDIA GeForce GT230 1.5GB, Card reader, DVD SuperMulti, Gigabit Ethernet, Windows 7 Professional + LA1905wg

HP Elite 7100. Processor frequency: 2.8 GHz, Processor family: Intel® Core™ i7, Processor model: i7-860. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1333 MHz. Total storage capacity: 1 TB, Card reader integrated, Optical drive type: DVD Super Multi. Discrete graphics card model: NVIDIA® GeForce® GT 230. Operating system installed: Windows 7 Professional. Power supply: 300 W. Chassis type: Micro Tower. Product type: PC. Product colour: Black



Processor		Software	
Processor manufacturer *	Intel	Bundled software	HP Recovery Manager Intel Matrix Storage Manager HP Power Manager Mozilla Firefox Roxio Easy Media Creator 10 Intervideo WinDVD 8 McAfee Total Protection Anti-Virus HP ProtectTools Security Suite
Processor family *	Intel® Core™ i7		
Processor generation	Intel® Core™ i7		
Processor model *	i7-860		
Processor cores	4		
Processor threads	8	Processor special features	
Processor boost frequency	3.46 GHz		
Processor frequency *	2.8 GHz		
Processor socket	LGA 1156 (Socket H)		
Processor cache	8 MB		Intel® Wireless Display (Intel® WiDi) ✗
Processor cache type	Smart Cache		Intel 64 ✓
Processor front side bus	1333 MHz		Enhanced Intel SpeedStep Technology ✓
System bus rate	2.5 GT/s		Embedded options available ✓
Bus type	DMI		Intel® InTru™ 3D Technology ✗
FSB Parity	✗		Intel® Insider™ ✗
Processor lithography	45 nm		Intel® Clear Video HD Technology (Intel® CVT HD) ✗
Processor operating modes	64-bit		Intel Clear Video Technology ✗
Processor series	Intel Core i7-800 Desktop Series		Intel VT-x with Extended Page Tables (EPT) ✓
Processor codename	Lynnfield		Idle States ✓
Thermal Design Power (TDP)	95 W		Thermal Monitoring Technologies ✗
Tcase	72.7 °C		Intel® AES New Instructions (Intel® AES-NI) ✗
PCI Express slots version	2.0		Intel Trusted Execution Technology ✓
Maximum number of PCI Express lanes	16		Execute Disable Bit ✓
PCI Express configurations	1x16, 2x8		
Number of processors installed	1		

Processor		Processor special features	
Number of Processing Die Transistors	774 M	Intel FDI Technology	✗
Processing Die size	296 mm²	Intel Flex Memory Access	✗
CPU multiplier (bus/core ratio)	21	Intel Fast Memory Access	✗
Maximum internal memory supported by processor	16 GB	Intel Enhanced Halt State	✓
Memory types supported by processor	DDR3-SDRAM	Intel Demand Based Switching	✗
Memory clock speeds supported by processor	1066,1333 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory bandwidth supported by processor (max)	21 GB/s	Processor package size	37.5 x 37.5 mm
ECC supported by processor	✗	Supported instruction sets	SSE4.2
Memory		Physical Address Extension (PAE)	36 bit
Internal memory *	4 GB	CPU configuration (max)	1
Maximum internal memory *	16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Internal memory type	DDR3-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory layout (slots x size)	2 x 2 GB	Intel Dual Display Capable Technology	✗
Memory slots	4x DIMM	Intel Rapid Storage Technology	✗
Memory clock speed	1333 MHz	Processor ARK ID	41316
Memory channels	Dual-channel	Intel® Turbo Boost Technology	1.0
Storage		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Total storage capacity *	1 TB	Intel® Quick Sync Video Technology	✗
Optical drive type *	DVD Super Multi	Intel® My WiFi Technology (Intel® MWT)	✗
HDD interface	SATA	Intel® Anti-Theft Technology (Intel® AT)	✗
HDD speed	7200 RPM	Conflict-Free processor	✗
Card reader integrated	✓	Power	
Graphics		Power supply *	300 W
On-board graphics card *	✗	Operational conditions	
Discrete graphics card model *	NVIDIA® GeForce® GT 230	Operating temperature (T-T)	5 - 35 °C
Discrete graphics card memory	1.536 GB	Operating relative humidity (H-H)	15 - 80%
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	185 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth *	416 mm
Wi-Fi *	✗	Height *	385 mm
Ports & interfaces		Weight *	10.2 kg
USB 2.0 ports quantity *	9	Display	
VGA (D-Sub) ports quantity	1	Display included *	✓
DVI port	✓	Display diagonal	48.3 cm (19")
HDMI ports quantity *	1	Display resolution	1440 x 900 pixels
Firewire (IEEE 1394) ports	1	Contrast ratio (typical)	1000:1
Ethernet LAN (RJ-45) ports	1	Touchscreen	✗
Microphone in	✓	Display brightness	250 cd/m²
Headphone outputs	6	Viewing angle, horizontal	160°
Expansion slots		Viewing angle, vertical	160°
PCI Express x1 slots	3	Other features	
PCI Express x16 slots	1	LightScribe	✓
Design		Display	LA1905wg
Chassis type *	Micro Tower	TV tuner integrated	✗
Product colour *	Black	Maximum number of SMP processors	1
Country of origin	China	Remote control included	✗
Performance		External drive bays	1x 3.5", 2x 5.25"
Motherboard chipset	Intel® H57 Express	Internal drive bays	2x 3.5"
Audio system	High Definition Audio	Networking features	Gigabit Ethernet
Product type *	PC		

Software		Other features	
Operating system installed *	Windows 7 Professional	Graphics card family	NVIDIA
Compatible operating systems	Windows 7 Professional/Home Premium/Home Basic Windows XP Professional FreeDOS	Floppy drive installed	×

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