



Lenovo Essential H500s Intel® Celeron® J1800 4 GB DDR3-SDRAM 500 GB HDD Windows 8.1 SFF PC Black

Brand : Lenovo

Product family: Essential

Product code: 57327931

Product name : H500s

Intel Celeron J1800 (1M Cache, 2.41 GHz), 4GB DDR3 RAM, 500GB HDD, Intel HD Graphics, Gigabit Ethernet, Wi-Fi 802.11b/g/n, DVD-RW, Windows 8.1 64-bit

Lenovo Essential H500s. Processor frequency: 2.41 GHz, Processor family: Intel® Celeron®, Processor model: J1800. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1600 MHz. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics. Operating system installed: Windows 8.1, Operating system architecture: 64-bit. Chassis type: SFF. Product type: PC. Product colour: Black



Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	Windows 8.1
Processor family *	Intel® Celeron®	Operating system architecture	64-bit
Processor model *	J1800	Processor special features	
Processor cores	2	Intel® Wireless Display (Intel® WiDi)	×
Processor threads	2	Intel 64	✓
Processor boost frequency	2.58 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	2.41 GHz	Embedded options available	×
Processor socket	BGA 1170	Intel® InTru™ 3D Technology	×
Processor cache	1 MB	Intel® Insider™	×
Processor cache type	L2	Intel® Clear Video HD Technology (Intel® CVT HD)	×
FSB Parity	×	Intel Clear Video Technology	×
Processor lithography	22 nm	Intel VT-x with Extended Page Tables (EPT)	×
Processor operating modes	32-bit, 64-bit	Thermal Monitoring Technologies	×
Processor series	Intel Celeron Processor J1000 series for Desktop	Intel Stable Image Platform Program (SIPP)	×
Processor codename	Bay Trail	Intel® AES New Instructions (Intel® AES-NI)	×
Thermal Design Power (TDP)	10 W	Intel Trusted Execution Technology	×
Tjunction	105 °C	Execute Disable Bit	✓
PCI Express slots version	2.0	Intel FDI Technology	×
Maximum number of PCI Express lanes	4	Intel Flex Memory Access	×
PCI Express configurations	1x4	Intel Fast Memory Access	×
Number of processors installed	1	Intel Enhanced Halt State	×
Stepping	B3	Intel Demand Based Switching	×
Maximum internal memory supported by processor	8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	×
Memory types supported by processor	DDR3L-SDRAM		
Memory clock speeds supported by processor	1333 MHz		
ECC supported by processor	×		

Memory		Processor special features	
Internal memory *	4 GB	Processor package size	25 X 27 mm
Maximum internal memory *	8 GB	Processor code	SR1SD
Internal memory type	DDR3-SDRAM	Physical Address Extension (PAE)	36 bit
Memory layout (slots x size)	1 x 4 GB	CPU configuration (max)	1
Memory clock speed	1600 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Memory channels	Dual-channel	Intel Identity Protection Technology version	0.00
Storage		Intel Stable Image Platform Program (SIPP) version	0.00
Total storage capacity *	500 GB	Intel Virtualization Technology (VT-x)	✓
Storage media *	HDD	Intel Small Business Advantage (SBA) version	0.00
Optical drive type *	DVD-RW	Intel Dual Display Capable Technology	✗
Number of storage drives installed	1	Intel Rapid Storage Technology	✗
Number of HDDs installed	1	Processor ARK ID	78866
HDD capacity	500 GB	Intel® Smart Response Technology	✗
HDD interface	SATA	Intel® Rapid Start Technology	✗
HDD speed	7200 RPM	Intel® Turbo Boost Technology	✗
Card reader integrated	✓	Intel Smart Connect Technology	✗
Graphics		Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card *	✓	Intel® Quick Sync Video Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card model *	Intel® HD Graphics	Intel® Identity Protection Technology (Intel® IPT)	✗
On-board graphics card base frequency	688 MHz	Intel® Anti-Theft Technology (Intel® AT)	✗
On-board graphics card dynamic frequency (max)	792 MHz	Conflict-Free processor	✓
Number of displays supported (on-board graphics)	2	Weight & dimensions	
Network		Width *	105 mm
Ethernet LAN *	✓	Depth *	385 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height *	305 mm
Cabling technology	10/100/1000Base-T(X)	Weight *	5 kg
Wi-Fi *	✓	Packaging content	
Top Wi-Fi standard	Wi-Fi 4 (802.11n)	Mouse included	✗
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Keyboard included	✗
Ports & interfaces		Display	
USB 2.0 ports quantity *	4	Display included *	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Other features	
VGA (D-Sub) ports quantity	1	Optical drives quantity	1
DVI port	✗		
Ethernet LAN (RJ-45) ports	1		
Microphone in	✓		
Headphone outputs	1		
Line-out	✓		
Line-in	✓		
Design			
Chassis type *	SFF		
Water cooling system	✗		
Product colour *	Black		
Performance			
Product type *	PC		

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