



Lenovo 3000 J100 Intel Pentium 4 640 Intel® Pentium® 4 1 GB DDR-SDRAM 160 GB SiS 661FX Windows XP Home Edition PC

Brand : Lenovo

Product family: 3000

Product code: PPCE2BD

Product name : 3000 J100 Intel Pentium 4 640



Intel Pentium 4 Processor 640 with HT Technology, 2x512MB, 160GB 7200RPM S-ATA HDD, PCI/AGP Tower (4x4), SiS 661FX, Multi-Burner Plus 16x, Realtek 10/100 Ethernet, IEEE 1394, Windows XP Home

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J100 desktops are equipped with your choice of Intel processors. Get exceptional levels of power, performance and reliability for all your home and business computing needs with an Intel processor. Lenovo 3000 J100 Intel Pentium 4 640. Processor frequency: 3.2 GHz, Processor family: Intel® Pentium® 4, Processor model: 640. Internal memory: 1 GB, Internal memory type: DDR-SDRAM. Total storage capacity: 160 GB, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics, Discrete graphics card model: SiS 661FX. Operating system installed: Windows XP Home Edition. Power supply: 250 W. Product type: PC. Weight: 8.3 kg

Processor		Performance		
Processor manufacturer *	Intel	Audio system	AC-97	
Processor family *	Intel® Pentium® 4	Product type *	PC	
Processor model *	640	Software		
Processor cores	1	Operating system installed *	Windows XP Home Edition	
Processor threads	2	Bundled software	Diskeeper Lite, Lenovo Care, Lenovo Password Manager, Norton Internet Security (OEM Edition) with 90 days of virus definition updates, PC Doctor diagnostics, ThinkVantage Rescue and Recovery, ThinkVantage System Update	
Processor frequency *	3.2 GHz			
Processor socket	LGA 775 (Socket T)			
Processor cache	2 MB			
Processor cache type	L2			
Processor front side bus	800 MHz	Processor special features		
Bus type	FSB			
FSB Parity	✗			
Processor lithography	90 nm		Intel® Wireless Display (Intel® WiDi)	✗
Processor operating modes	64-bit		Intel 64	✓
Processor codename	Prescott		Enhanced Intel SpeedStep Technology	✓
Thermal Design Power (TDP)	84 W		Embedded options available	✗
Tcase	66.6 °C		Intel® InTru™ 3D Technology	✗
PCI Express slots version	2.0		Intel® Insider™	✗
Number of Processing Die Transistors	169 M		Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processing Die size	135 mm²	Intel Clear Video Technology	✗	
CPU multiplier (bus/core ratio)	16	Idle States	✗	
Processor core voltage (AC)	1.25 - 1.388 V	Thermal Monitoring Technologies	✓	
Maximum internal memory supported by processor	32 GB	Intel® AES New Instructions (Intel® AES-NI)	✗	
Memory types supported by processor	DDR3-SDRAM	Intel Trusted Execution Technology	✗	
Memory clock speeds supported by processor	1066 MHz	Execute Disable Bit	✓	
Memory bandwidth supported by processor (max)	17 GB/s	Intel Enhanced Halt State	✗	
ECC supported by processor	✗	Intel Demand Based Switching	✗	
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗	
Internal memory *	1 GB	Processor package size	37.5 x 37.5 mm	
Maximum internal memory *	2 GB	Supported instruction sets	SSE4.1/4.2	
Internal memory type	DDR-SDRAM			
Memory channels	Dual-channel			

Storage		Processor special features	
Total storage capacity *	160 GB	CPU configuration (max)	1
Optical drive type *	DVD-RW	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD interface	SATA	Intel Virtualization Technology (VT-x)	✗
HDD speed	7200 RPM	Intel Rapid Storage Technology	✗
Graphics		Processor ARK ID	27480
On-board graphics card *	✓	Intel® Turbo Boost Technology	✗
Discrete graphics card model *	SiS 661FX	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
On-board graphics card family	Intel® HD Graphics	Intel® Quick Sync Video Technology	✗
On-board graphics card model *	Intel® HD Graphics	Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card base frequency	850 MHz	Intel® Anti-Theft Technology (Intel® AT)	✗
On-board graphics card dynamic frequency (max)	1100 MHz	Conflict-Free processor	✗
Number of displays supported (on-board graphics)	2	Power	
Ports & interfaces		Power supply *	250 W
USB 2.0 ports quantity *	6	Weight & dimensions	
VGA (D-Sub) ports quantity	1	Width *	180 mm
PS/2 ports quantity	2	Depth *	458 mm
Firewire (IEEE 1394) ports	1	Height *	374 mm
Ethernet LAN (RJ-45) ports	1	Weight *	8.3 kg
Microphone in	✓	Display	
Headphone outputs	1	Display included *	✗
Serial ports quantity	1	Other features	
Parallel ports quantity	1	Video adapter, bus	AGP 8X
		Security features	-Boot sequence control -Power on password -Serial port I/O control -Boot without keyboard or mouse -Configuration password -Diskette boot inhibit -Parallel port I/O control
		Diskette drive memory	1.44 MB
		Networking features	Ethernet/Fast Ethernet

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