



Fujitsu ESPRIMO Edition P9900 Intel® Core™ i5 i5-650 4 GB DDR3-SDRAM 500 GB Intel® GMA HD Windows 7 Professional Micro Tower PC Black

Brand : Fujitsu

Product family: ESPRIMO
Edition

Article code:
VFY:P9900PXD21NL

Product name : P9900

ESPRIMO P9900 0-Watt, Intel Core i5-650 (2C/4T, 3.20GHz, 4MB), 4GB (2x 2GB) DDR3 non-ECC 1333MHz PC3-10600 DIMM RAM, 500GB SATAII 7200rpm 3.5" S.M.A.R.T. HDD, DVD Super Multi, MicroTower, Windows 7 Professional 32/64-bit

Fujitsu ESPRIMO Edition P9900. Processor frequency: 3.2 GHz, Processor family: Intel® Core™ i5, Processor model: i5-650. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1333 MHz. Total storage capacity: 500 GB, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics, Discrete graphics card model: Intel® GMA HD. Operating system installed: Windows 7 Professional. Power supply: 250 W. Chassis type: Micro Tower. Product type: PC. Product color: Black



Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	Windows 7 Professional
Processor family *	Intel® Core™ i5	Compatible operating systems	Microsoft Windows 7 Home Basic (EM) 32-bit, Windows 7 Home Premium 64-bit, Windows Vista, Windows XP
Processor generation	Intel® Core™ i5		
Processor model *	i5-650		
Processor cores	2	Pre-installed software	Nero Essentials S
Processor threads	4	Processor special features	
Processor boost frequency	3.46 GHz	Intel® Wireless Display (Intel® WiDi)	✗
Processor frequency *	3.2 GHz	Intel 64	✓
Processor socket	LGA 1156 (Socket H)	Enhanced Intel SpeedStep Technology	✓
Processor cache	4 MB	Embedded options available	✗
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✗
System bus rate	2.5 GT/s	Intel® Insider™	✗
Bus type	DMI	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
FSB Parity	✗	Intel Clear Video Technology	✗
Processor lithography	32 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit	Idle States	✓
Processor series	Intel Core i5-600 Desktop Series	Thermal Monitoring Technologies	✗
Processor codename	Clarkdale	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	73 W		
Tcase	72.6 °C		
PCI Express slots version	2.0		
Maximum number of PCI Express lanes	16		
PCI Express configurations	1x16, 2x8		

Processor		Processor special features	
Number of processors installed	1	Intel Trusted Execution Technology	✓
Number of Processing Die Transistors	382 M	Execute Disable Bit	✓
Processing Die size	81 mm ²	Intel FDI Technology	✓
Stepping	C2	Intel Flex Memory Access	✗
CPU multiplier (bus/core ratio)	24	Intel Fast Memory Access	✗
Maximum internal memory supported by processor	16 GB	Intel Enhanced Halt State	✓
Memory types supported by processor	DDR3 1066/1333	Intel Demand Based Switching	✗
Memory bandwidth supported by processor (max)	21 GB/s	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
ECC supported by processor	✗	Processor package size	37.5 x 37.5 mm
Memory		Supported instruction sets	SSE4.2
Internal memory *	4 GB	Physical Address Extension (PAE)	36 bit
Maximum internal memory *	16 GB	CPU configuration (max)	1
Internal memory type	DDR3-SDRAM	Graphics & IMC lithography	45 nm
Memory layout (slots x size)	2 x 2 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	2x DIMM	Intel Virtualization Technology (VT-x)	✓
Memory clock speed	1333 MHz	Intel Dual Display Capable Technology	✓
Memory channels	Dual-channel	Intel Rapid Storage Technology	✗
Storage		Processor ARK ID	43546
Total storage capacity *	500 GB	Intel® Turbo Boost Technology	1.0
Optical drive type *	DVD Super Multi	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Number of HDDs installed	1	Intel® Quick Sync Video Technology	✗
HDD capacity	500 GB	Intel® My WiFi Technology (Intel® MWT)	✗
HDD interface	SATA II	Intel® Anti-Theft Technology (Intel® AT)	✗
HDD speed	7200 RPM	Conflict-Free processor	✗
Card reader integrated	✗	Power	
Graphics		Power supply *	250 W
On-board graphics card *	✓	Power supply input voltage	100 - 240 V
Discrete graphics card model *	Intel® GMA HD	Power supply input frequency	50 - 60 Hz
On-board graphics card family	Intel® HD Graphics	Operational conditions	
On-board graphics card model *	Intel® HD Graphics	Operating temperature (T-T)	10 - 35 °C
On-board graphics card base frequency	733 MHz	Certificates	
Number of displays supported (on-board graphics)	2	Certification	Blue Angel, CE, Nordic Swan, FCC Class B, cCSAus, RoHS, WEEE, ENERGY STAR 5.0, EPEAT Silver
Maximum graphics card memory	1.759 GB	Weight & dimensions	
Network		Width *	7.99" (203 mm)
Ethernet LAN *	✓	Depth *	15.4" (390 mm)
Ethernet LAN data rates	10,100,1000 Mbit/s	Height *	15.4" (392 mm)
Cabling technology	10/100/1000Base-T(X)	Weight *	26.5 lbs (12 kg)
Wi-Fi *	✗	Packaging content	
Wake-on-LAN ready	✓	Mouse included	✓
Ports & interfaces		Keyboard included	✓
USB 2.0 ports quantity *	14	Display	
DVI port	✓	Display included *	✗
DisplayPorts quantity	1	Other features	
PS/2 ports quantity	2	Power supply type	AC/DC
Ethernet LAN (RJ-45) ports	1	Video adapter features	DirectX 10.1, HDCP, OpenGL 2.0
Microphone in	✓	External video modes refresh rate (max)	85 Hz
Headphone outputs	1		
Line-out	✓		
Line-in	✓		
Serial ports quantity	1		
Expansion slots			
PCI Express x4 slots	1		

Expansion slots		Other features	
PCI Express x16 slots	1	External video modes resolution (max)	2560 x 1600 pixels
PCI slots	2	HDD user password	✓
Design		Package dimensions (WxDxH)	19.7 x 11.4 x 21.3" (500 x 290 x 540 mm)
Chassis type *	Micro Tower	Mac compatibility	✗
Cable lock slot	✓	Maximum number of SMP processors	1
Cable lock slot type	Kensington	Handheld remote control	✗
Product color *	Black	Motherboard	D2912
Performance		External drive bays	2x 3.5", 2x 5.25"
Audio system	Realtek ALC663	Internal drive bays	2x 3.5"
Audio output channels	5.1 channels	Networking features	Gigabit Ethernet
Password protection type	BIOS	Compliance industry standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Product type *	PC	Graphics card family	Intel
		Floppy drive installed	✗

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