FUJITSU LIFEBOOK

Fujitsu LIFEBOOK S6420 Intel® Core™2 Duo T9400 13.3" 2 GB DDR3-SDRAM 160 GB Intel® GMA X4500MHD Windows Vista Business

Brand : Fujitsu

Product family: LIFEBOOK

Article code:
VFY:S6420MF011DE 2700167

Product name : LIFEBOOK S6420

13.3" TFT WXGA (1280x800), Intel Core 2 Duo T9400 2.53 GHz, 2GB DDR III, 160GB SATA HDD, DVD Super Multi, Intel GMA X4500MHD, 1.3MP webcam, UMTS, Windows Vista Home Edition / XP pro + Vodafone Testpacket

Fujitsu LIFEBOOK S6420. Processor family: Intel® Core™2 Duo, Processor model: T9400, Processor frequency: 2.53 GHz. Display diagonal: 13.3", Display resolution: 1280 x 800 pixels. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 160 GB, Optical drive type: DVD Super Multi. Discrete graphics card model: Intel® GMA X4500MHD. Operating system installed: Windows Vista Business. Weight: 3.86 lbs (1.75 kg)

Display	
Display diagonal *	13.3"
Display resolution *	1280 x 800 pixels
Native aspect ratio	16:10

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™2 Duo
Processor model *	T9400
Processor cores	2
Processor threads	2
Processor frequency *	2.53 GHz
Processor cache	6 MB
Processor cache type	L2
Processor socket	Socket 479
Processor front side bus	1066 MHz
Processor lithography	45 nm
Processor operating modes	64-bit
Processor series	Intel Core 2 Duo T9000 Series
Processor codename	Penryn
Bus type	FSB
FSB Parity	✘
Stepping	E0
Thermal Design Power (TDP)	35 W
Tjunction	105 °C
Number of Processing Die Transistors	410 M
Processing Die size	107 mm²
CPU multiplier (bus/core ratio)	9.5
ECC supported by processor	✘

Memory	
Internal memory *	2 GB
Internal memory type	DDR3-SDRAM

Processor special features	
Intel® Anti-Theft Technology (Intel® AT)	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Turbo Boost Technology	✘
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✘
Intel Clear Video Technology	✘
Intel® InTru™ 3D Technology	✘
Intel® Insider™	✘
Intel® Quick Sync Video Technology	✘
Intel Flex Memory Access	✘
Intel® AES New Instructions (Intel® AES-NI)	✘
Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✘
Intel VT-x with Extended Page Tables (EPT)	✘
Intel Demand Based Switching	✘
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✘
Thermal Monitoring Technologies	✘
Processor package size	35 x 35 mm
Processor code	SLGEK
Embedded options available	✔

Memory

Memory clock speed	1066 MHz
Memory layout (slots x size)	2 x 1 GB
Maximum internal memory *	4 GB

Storage

Total storage capacity *	160 GB
Number of HDDs installed	1
HDD interface	SATA
Optical drive type *	DVD Super Multi
Card reader integrated	✔

Graphics

Discrete graphics card model *	Intel® GMA X4500MHD
Discrete graphics card *	✔
Maximum resolution	1920 x 1200 pixels

Audio

Audio system	RealTek ALC262
Number of built-in speakers	2

Camera

Front camera resolution (numeric)	1.3 MP

Network

Networking features	Gigabit Ethernet, Wireless LAN, Bluetooth
Networking type	Gigabit Ethernet, Fast Ethernet, Ethernet
Networking manufacturer	Marvel
Modem chip	MDC1.5
Networking speed	10/100/1000 MBit/s
Bluetooth	✔
Bluetooth version	2.0+EDR

Ports & interfaces

USB 2.0 ports quantity *	3
Ethernet LAN (RJ-45) ports	1
DVI port	✘
VGA (D-Sub) ports quantity	1
Firewire (IEEE 1394) ports	1
Headphone outputs	1
S/PDIF out port	✘
Microphone in	✔
Line-in	✔
Docking connector	✔
ExpressCard slot	✘
CardBus PCMCIA slots quantity	1
CardBus PCMCIA slot type	Type II
SmartCard slot	✔
I/O ports	1 x SIM
Modem (RJ-11) ports	1
TV-out	✔
TV-out type	S-Video

Keyboard

Keyboard keystroke	0.118" (3 mm)
Keyboard key pitch	0.748" (1.9 cm)
Pointing device	Touchpad
Keyboard number of keys	85

Software

Operating system installed *	Windows Vista Business
Bundled software	✔

Processor special features

Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✘
Intel FDI Technology	✘
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✘
Processor ARK ID	35562
Conflict-Free processor	✘

Battery

Number of battery cells	6
Battery capacity	5200 mAh
Battery life (max)	5 h

Power

AC adapter power	80 W
AC adapter input voltage	100 - 240 V
AC adapter output current	4.22 A
AC adapter output voltage	19 V
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Password protection type	BIOS

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Operating relative humidity (H-H)	20 - 85%

Certificates

Certification	CE, 89/336/EEC (EMC), 73/23/EEC,99/5/EEC (R&TTE),CE!, R&TTE, FCC, GS, UL/cUL, CB, RoHS, WHQL, TBR21, Energy Star, WiFi certified

Weight & dimensions

Width	12.4" (314 mm)
Depth	9.21" (234 mm)
Height	0.882" (22.4 mm)
Height (front)	0.882" (2.24 cm)
Height (rear)	1.32" (3.35 cm)
Weight *	3.86 lbs (1.75 kg)

Video

Video adapter features	DirectX 10, DualView
External video modes refresh rate (max)	60 Hz

Packaging content

AC adapter included *	✔

Other features

BIOS flash ROM	Phoenix TrustedCore
Wireless technology	IEEE 802.11a/g/n
Infrared data port	✔
Graphics card family	Intel
Type	PC
TV-in port	✘
HDD user password	✔

Processor special features		Other features	
Intel® Wireless Display (Intel® WiDi)	✘	Internal modem	✔
		Modem speed	56 Kbit/s
Intel® My WiFi Technology (Intel® MWT)	✘	Modem type	V.92

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