SAMSUNG

Samsung X NP-X360-AA09IT laptop Intel® Core™2 Duo SU9400 13.3" 3 GB DDR3-SDRAM 120 GB Intel® GMA X4500 Windows Vista Business

Brand : Samsung   **Product family:** X   **Article code:** NP-X360-AA09IT

Product name : NP-X360-AA09IT

Samsung X NP-X360-AA09IT. Processor family: Intel® Core™2 Duo, Processor model: SU9400, Processor frequency: 1.4 GHz. Display diagonal: 13.3", Display resolution: 1280 x 800 pixels. Internal memory: 3 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 120 GB. Discrete graphics card model: Intel® GMA X4500. Operating system installed: Windows Vista Business. Weight: 2.84 lbs (1.29 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 *	SU9400
Processor cores	2
Processor threads	2
Processor frequency *	1.4 GHz
Processor cache	3 MB
Processor cache type	L2
Processor socket	BGA 956
Processor front side bus	800 MHz
Processor lithography	45 nm
Processor operating modes	64-bit
Processor series	Intel Core 2 Duo SU9000 Series
Processor codename	Penryn
Bus type	FSB
FSB Parity	✗
Thermal Design Power (TDP)	10 W
Tjunction	105 °C
Number of Processing Die Transistors	410 M
Processing Die size	107 mm²
CPU multiplier (bus/core ratio)	7
ECC supported by processor	✗

Memory

Internal memory *	3 GB
Internal memory type	DDR3-SDRAM

Storage

Total storage capacity *	120 GB
HDD interface	SATA
HDD speed	5400 RPM
Optical drive type *	✗
Card reader integrated	✔
Compatible memory cards	MMC, MS Pro, SD, SDHC, XD

Software

Operating system installed *	Windows Vista Business
Bundled software	Adobe Acrobat Reader, Easy Battery Manager, Easy Display Manager, Easy Network Manager, Easy SpeedUp Manager, SAMSUNG Magic Doctor, SAMSUNG Update Plus, Cyberlink DVD Suite

Processor special features

Intel® Wireless Display (Intel® WiDi)	✗
Intel® My WiFi Technology (Intel® MWT)	✗
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	✔
Thermal Monitoring Technologies	✗
Processor package size	22 x 22 mm
Embedded options available	✗

Graphics

Discrete graphics card model *	Intel® GMA X4500
Discrete graphics card *	✔

Audio

Number of built-in speakers	2
Speaker power	3 W

Camera

Front camera resolution (numeric)	1.3 MP

Network

Networking type	Gigabit LAN, 802.11a/b/g/n
Bluetooth	✔
Bluetooth version	2.0+EDR

Ports & interfaces

USB 2.0 ports quantity *	3
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✘
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✘
Microphone in	✔
Docking connector	✘
ExpressCard slot	✔
CardBus PCMCIA slot type	✘
SmartCard slot	✘
TV-out	✘

Performance

Motherboard chipset	Intel® GS45 Express

Keyboard

Keyboard type	83 tasti con
Pointing device	Touchpad + Scroll zone

Software

Optional operating system supplied	Windows XP Professional
Trial software	Microsoft Office Professional 2007 (60 giorni), McAfee Virus Scan

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	36697
Conflict-Free processor	✘

Power

AC adapter power	60 W
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✘
Trusted Platform Module (TPM)	✘
Password protection type	BIOS

Weight & dimensions

Weight *	2.84 lbs (1.29 kg)

Other features

Wireless technology	✔
Infrared data port	✘
Type	PC
Dimensions (WxDxH)	12.2 x 1.22 x 8.98" (311 x 31 x 228 mm)
TV-in port	✘
HDD user password	✔
Internal modem	✘

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