## SAMSUNG

## Samsung P210 Intel® Core™2 Duo P8400 □□□□□ 30,7 cm (12.1") 3 GB DDR2-SDRAM 250 GB Intel® GMA X4500 Windows Vista Business □□□□

**Brand :** Samsung **Product code:** NP-P210-AA01DE

**Product name : P210** 





Design		Software	
Product type *	Laptop	Trial software	Microsoft Office Professional 2007
Product colour *	Black	Operating system installed *	Windows Vista Business
Display			SAMSUNG Magic Doctor, SAMSUNG
Display diagonal * Display resolution *	30.7 cm (12.1") 1280 x 800 pixels	Bundled software	Update Plus, Easy Display Manger, Easy Battery Manager, Easy Network Manager, Easy SpeedUp
Native aspect ratio	16:10		Manager, Adobe Acrobat Reader
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	×
Processor family * Processor model *	Intel® Core™2 Duo P8400	Intel® My WiFi Technology (Intel® MWT)	×
Processor cores Processor threads	2 2	Intel® Anti-Theft Technology (Intel® AT)	×
Processor frequency *	2.26 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	×
Processor cache	3 MB L2	Intel® Turbo Boost Technology	×
Processor cache type Processor socket	Socket 478	Enhanced Intel SpeedStep	/
Processor front side bus	1066 MHz	Technology	•
Processor lithography	45 nm	Intel® Clear Video HD Technology (Intel® CVT HD)	x
Processor operating modes	64-bit	Intel Clear Video Technology	×
Processor series	Intel Core 2 Duo P8000 Series	Intel® InTru™ 3D Technology	×
Processor codename	Penryn	Intel® Insider™	×
Bus type	FSB	Intel® Quick Sync Video Technology	
FSB Parity	×		
Stepping	MO	Intel Flex Memory Access	×
Thermal Design Power (TDP)	25 W	Intel® AES New Instructions (Intel® AES-NI)	×
Tjunction	105 °C	Intel Trusted Execution Technology	/
Number of Processing Die Transistors	410 M	Intel Enhanced Halt State	<b>✓</b>
Processing Die size	107 mm²	Intel VT-x with Extended Page	×
CPU multiplier (bus/core ratio)	8.5	Tables (EPT)	
ECC supported by processor	×	Intel Demand Based Switching	X

Memory		Processor special features	
Internal memory * Internal memory type Memory slots	3 GB DDR2-SDRAM 2x SO-DIMM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	×
Maximum internal memory *	4 GB	Intel 64	•
Storage		Execute Disable Bit	•
Total storage capacity *	250 GB	Idle States	•
HDD interface	SATA	Thermal Monitoring Technologies	×
HDD speed	5400 RPM	Processor package size	35 x 35 mm
Optical drive type *	DVD Super Multi DL	Processor code	SL3BU
Card reader integrated	✓	Embedded options available Intel Virtualization Technology for	<b>✓</b>
Compatible memory cards	MMC, SD, SDHC	Directed I/O (VT-d)	×
Graphics		Intel Virtualization Technology (VT-	/
Discrete graphics card model * Discrete graphics card *	Intel® GMA X4500 ✓	x) Intel Dual Display Capable Technology	×
Audio		Intel FDI Technology	×
Audio system	HD	Intel Rapid Storage Technology	×
Number of built-in speakers	2	Intel Fast Memory Access	×
Speaker power	3 W	Processor ARK ID	35569
Camera		Conflict-Free processor	×
Front camera resolution (numeric)	1.3 MP	Battery	
Network		Number of battery cells	6
Networking features	10 / 100 / 1000 LAN	Power	
Bluetooth	✓	AC adapter power	60 W
Bluetooth version	2.0+EDR	DC-in jack	✓
Ports & interfaces		Security	
USB 2.0 ports quantity *	3	Cable lock slot	<b>✓</b>
Ethernet LAN (RJ-45) ports	1	Cable lock slot type	Kensington
HDMI ports quantity *	1	Password protection type	BIOS
DVI port VGA (D-Sub) ports quantity	<b>X</b> 1	Weight & dimensions	
Headphone outputs	1	Width	304 mm
S/PDIF out port	X	Depth	226 mm
Microphone in	<b>√</b>	Height (front)	2.87 cm
Docking connector	×	Height (rear)	3.67 cm
ExpressCard slot	···	Weight *	1.95 kg
CardBus PCMCIA slot type	×	Other features	
SmartCard slot	×	Wireless technology	802.11a.b.g/n
Modem (RJ-11) ports	1	Infrared data port	X
TV-out	×	Type	PC
Keyboard		TV-in port	X
Pointing device	Touchpad + Scroll zone	HDD user password	<b>/</b>
Keyboard number of keys	83	Internal modem	<b>√</b> V.92
Software		Modem type	V.32
Optional operating system supplied	Windows XP Professional		
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