SAMSUNG

## Samsung P210 Intel® Core<sup>™</sup>2 Duo P8400 Computer portatile 30,7 cm (12.1") 3 GB DDR2-SDRAM 250 GB Intel® GMA X4500 Windows Vista Business Nero

Marchio : Samsung

Codice prodotto: NP-P210-AA01DE

Nome del prodotto : P210

Samsung P210. Tipo di prodotto: Computer portatile. Famiglia processore: Intel® Core™ 2 Duo, Modello del processore: P8400, Frequenza del processore: 2,26 GHz. Dimensioni diagonale schermo: 30,7 cm (12.1"), Risoluzione del display: 1280 x 800 Pixel. RAM installata: 3 GB, Tipo di RAM: DDR2-SDRAM. Capacità totale di archiviazione: 250 GB, Tipo drive ottico: DVD Super Multi DL. Scheda grafica dedicata: Intel® GMA X4500. Sistema operativo incluso: Windows Vista Business. Colore del prodotto: Nero. Peso: 1,95 kg





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 *	30.7 cm (12.1")	Bundled software	Update Plus, Easy Display Manger, Easy Battery Manager, Easy
Display resolution *	1280 x 800 pixels		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 *	Intel <sup>®</sup> Core <sup>™</sup> 2 Duo	Intel® My WiFi Technology (Intel®	
Processor model *	P8400	MWT)	×
Processor cores	2	Intel® Anti-Theft Technology (Intel® AT)	×
Processor threads	2	Intel® Hyper Threading Technology	
Processor frequency *	2.26 GHz	(Intel® HT Technology)	×
Processor cache	3 MB	Intel® Turbo Boost Technology	×
Processor cache type Processor socket	L2 Socket 478	Enhanced Intel SpeedStep	1
Processor front side bus	1066 MHz	Technology	
Processor lithography	45 nm	Intel <sup>®</sup> Clear Video HD Technology (Intel <sup>®</sup> CVT HD)	×
Processor operating modes	64-bit	Intel Clear Video Technology	
Processor series	Intel Core 2 Duo P8000 Series		×
Processor codename	Penryn	Intel® InTru <sup>™</sup> 3D Technology	×
Bus type	FSB	Intel® Insider™	×
FSB Parity	×	Intel <sup>®</sup> Quick Sync Video Technology	/ <b>X</b>
Stepping	МО	Intel Flex Memory Access	×
Thermal Design Power (TDP)	25 W	Intel® AES New Instructions (Intel® AES-NI)	×
Tjunction	105 °C	Intel Trusted Execution Technology	1
Number of Processing Die Transistors	410 M	Intel Enhanced Halt State	v v
Processing Die size	107 mm²	Intel VT-x with Extended Page	<b>v</b>
CPU multiplier (bus/core ratio)	8.5	Tables (EPT)	×
ECC supported by processor	×	Intel Demand Based Switching	×

Memory		Processor special features	
Internal memory * Internal memory type Memory slots	3 GB DDR2-SDRAM 2x SO-DIMM	Intel <sup>®</sup> Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) Intel 64	×
Maximum internal memory *	4 GB	Execute Disable Bit	
Storage		Idle States	v v
Total storage capacity *	250 GB	Thermal Monitoring Technologies	×
HDD interface	SATA	Processor package size	35 x 35 mm
HDD speed	5400 RPM	Processor code	SL3BU
Optical drive type * Card reader integrated	DVD Super Multi DL	Embedded options available	1
Compatible memory cards	MMC, SD, SDHC	Intel Virtualization Technology for Directed I/O (VT-d)	×
Graphics		Intel Virtualization Technology (VT-	1
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	x
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	1
Ports & interfaces		Security	
USB 2.0 ports quantity *	3	Cable lock slot	1
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *		Cable lock slot type	Kensington
HDMI ports quantity * DVI port	1	Cable lock slot type Password protection type	Kensington BIOS
HDMI ports quantity * DVI port VGA (D-Sub) ports quantity			5
DVI port	1 ×	Password protection type Weight & dimensions Width	BIOS 304 mm
DVI port VGA (D-Sub) ports quantity	1 × 1	Password protection type Weight & dimensions Width Depth	BIOS 304 mm 226 mm
DVI port VGA (D-Sub) ports quantity Headphone outputs	1 × 1 1	Password protection type Weight & dimensions Width Depth Height (front)	BIOS 304 mm 226 mm 2.87 cm
DVI port VGA (D-Sub) ports quantity Headphone outputs S/PDIF out port	1 × 1 1 ×	Password protection type Weight & dimensions Width Depth	BIOS 304 mm 226 mm
DVI port VGA (D-Sub) ports quantity Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot	1 × 1 1 ×	Password protection type Weight & dimensions Width Depth Height (front) Height (rear)	BIOS 304 mm 226 mm 2.87 cm 3.67 cm
DVI port VGA (D-Sub) ports quantity Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type	1 × 1 1 × × ×	Password protection type Weight & dimensions Width Depth Height (front) Height (rear) Weight *	BIOS 304 mm 226 mm 2.87 cm 3.67 cm 1.95 kg
DVI port VGA (D-Sub) ports quantity Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot	1 × 1 1 × × × ×	Password protection type Weight & dimensions Width Depth Height (front) Height (rear) Weight * Other features	BIOS 304 mm 226 mm 2.87 cm 3.67 cm
DVI port VGA (D-Sub) ports quantity Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot Modem (RJ-11) ports	1 × 1 1 × × × × ×	Password protection type Weight & dimensions Width Depth Height (front) Height (rear) Weight * Other features Wireless technology	BIOS 304 mm 226 mm 2.87 cm 3.67 cm 1.95 kg 802.11a.b.g/n
DVI port VGA (D-Sub) ports quantity Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot Modem (RJ-11) ports TV-out	1 × 1 1 × × × ×	Password protection type Weight & dimensions Width Depth Height (front) Height (rear) Weight * Other features Wireless technology Infrared data port	BIOS 304 mm 226 mm 2.87 cm 3.67 cm 1.95 kg 802.11a.b.g/n ×
DVI port VGA (D-Sub) ports quantity Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot Modem (RJ-11) ports TV-out <b>Keyboard</b>	1 × 1 1 × × × ×	Password protection type Weight & dimensions Width Depth Height (front) Height (rear) Weight * Other features Wireless technology Infrared data port Type	BIOS 304 mm 226 mm 2.87 cm 3.67 cm 1.95 kg 802.11a.b.g/n X PC
DVI port VGA (D-Sub) ports quantity Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot Modem (RJ-11) ports TV-out <b>Keyboard</b> Pointing device	1 × 1 1 × ✓ × × × × × × 1 × Touchpad + Scroll zone	Password protection type Weight & dimensions Width Depth Height (front) Height (rear) Weight * Other features Wireless technology Infrared data port Type TV-in port HDD user password Internal modem	BIOS 304 mm 226 mm 2.87 cm 3.67 cm 1.95 kg 802.11a.b.g/n × PC × ↓
DVI port VGA (D-Sub) ports quantity Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot Modem (RJ-11) ports TV-out <b>Keyboard</b>	1 × 1 1 × × × ×	Password protection type Weight & dimensions Width Depth Height (front) Height (rear) Weight * Other features Wireless technology Infrared data port Type TV-in port HDD user password	BIOS 304 mm 226 mm 2.87 cm 3.67 cm 1.95 kg 802.11a.b.g/n × PC × ↓

Optional operating system supplied Windows XP Professional

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