

Samsung 3 NP350E7C Intel® Pentium® B980 Laptop 43,9 cm (17.3") HD+ 6 GB DDR3-SDRAM 500 GB HDD AMD Radeon HD 7670M Windows 8 Black

Brand : Samsung

Product family: 3

Product code: NP-350E7C-S0PDE

Product name : NP350E7C

Samsung 3 NP350E7C. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Pentium®, Processor model: B980, Processor frequency: 2,4 GHz. Display diagonal: 43,9 cm (17.3"), HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 6 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD±RW. Operating system installed: Windows 8. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	Docking connector	✗
Product colour *	Black	ExpressCard slot	✗
Form factor *	Clamshell	CardBus PCMCIA slot type	✗
Display		SmartCard slot	✗
Display diagonal *	43,9 cm (17.3")	Headphone connectivity	3.5 mm
Display resolution *	1600 x 900 pixels	Microphone connectivity	3.5 mm
Touchscreen *	✗	Keyboard	
HD type	HD+	Pointing device	Touchpad
LED backlight	✓	Numeric keypad *	✓
Native aspect ratio	16:9	Island-style keyboard	✓
Display brightness	220 cd/m²	Windows keys	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Pentium®	Operating system installed *	Windows 8
Processor model *	B980	Bundled software	Samsung ChatON, Family Story, AllShare Play, S Gallery, S Player, Media/Music Hub, S/W Update, Recovery, Settings, Support Center
Processor cores	2		
Processor threads	2		
Processor frequency *	2,4 GHz	Processor special features	
System bus rate	5 GT/s	Intel® Wireless Display (Intel® WiDi)	✗
Processor cache	2 MB	Intel® My WiFi Technology (Intel® MWT)	✗
Processor cache type	L2	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor socket	PGA988	Intel® Identity Protection Technology (Intel® IPT)	✗
Processor lithography	32 nm	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor operating modes	64-bit	Intel® Turbo Boost Technology	✗
Processor series	Intel Pentium B900 Series for Mobile	Enhanced Intel SpeedStep Technology	✓
Processor codename	Sandy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	Q0		
Thermal Design Power (TDP)	35 W		
Tjunction	85 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
PCI Express slots version	2.0	Intel Clear Video Technology	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® InTru™ 3D Technology	✗
CPU multiplier (bus/core ratio)	24	Intel® Insider™	✗
ECC supported by processor	✗	Intel® Quick Sync Video Technology	✗
Memory		Intel Flex Memory Access	✓
Internal memory *	6 GB	Intel® AES New Instructions (Intel® AES-NI)	✗
Internal memory type	DDR3-SDRAM	Intel Trusted Execution Technology	✗
Memory clock speed	1333 MHz	Intel Enhanced Halt State	✓
Memory form factor	SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✗
Memory layout (slots x size)	1 x 2 + 1 x 4 GB	Intel Demand Based Switching	✗
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Total storage capacity *	500 GB	Intel 64	✓
Storage media *	HDD	Execute Disable Bit	✓
Number of hard drives installed	1	Idle States	✓
Hard drive capacity	500 GB	Thermal Monitoring Technologies	✓
Optical drive type *	DVD±RW	Processor package size	37.5x37.5 (rPGA988B)
Card reader integrated	✓	Supported instruction sets	SSE4.1, SSE4.2
Graphics		Processor code	SR0J1
Discrete graphics card model *	AMD Radeon HD 7670M	CPU configuration (max)	1
Discrete graphics memory type	GDDR3	Embedded options available	✗
On-board graphics card *	✓	Graphics & IMC lithography	32 nm
Discrete graphics card *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology (VT-x)	✗
On-board graphics card model *	Intel® HD Graphics	Intel Dual Display Capable Technology	✓
On-board graphics card base frequency	650 MHz	Intel FDI Technology	✓
On-board graphics card dynamic frequency (max)	1150 MHz	Intel Rapid Storage Technology	✗
Audio		Intel Fast Memory Access	✓
Audio system	High Definition Audio	Processor ARK ID	69669
Number of built-in speakers	2	Conflict-Free processor	✗
Speaker power	1,5 W	Integrated 4G WiMAX	✗
Built-in microphone	✓	Battery	
Camera		Battery technology	Lithium-Ion (Li-Ion)
Front camera	✓	Number of battery cells	6
Front camera resolution (numeric)	1,3 MP	Battery capacity	4400 mAh
Network		Battery life (max)	6 h
Wi-Fi	✓	Power	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	AC adapter power	90 W
Ethernet LAN	✓	DC-in jack	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Security	
Bluetooth	✓	Cable lock slot	✓
Bluetooth version	4.0	Weight & dimensions	
Ports & interfaces		Width	411,3 mm
USB 2.0 ports quantity *	2	Depth	270,1 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height	35,2 mm
Ethernet LAN (RJ-45) ports	1	Weight *	2,8 kg
HDMI ports quantity *	1	Packaging content	
DVI port	✗	AC adapter included *	✓
VGA (D-Sub) ports quantity	1	Power cord included	✓
Headphone outputs	1		
S/PDIF out port	✗		
Microphone in	✓		

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