SAMSUNG

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

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display

Display diagonal *	43,9 cm (17.3")
Display resolution *	1600 x 900 pixels
Touchscreen *	✗
HD type	HD+
LED backlight	✔
Native aspect ratio	16:9
Display brightness	220 cd/m²

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Pentium®
Processor model *	B980
Processor cores	2
Processor threads	2
Processor frequency *	2,4 GHz
System bus rate	5 GT/s
Processor cache	2 MB
Processor cache type	L2
Processor socket	PGA988
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Pentium B900 Series for Mobile
Processor codename	Sandy Bridge
Bus type	DMI
FSB Parity	✗
Stepping	Q0
Thermal Design Power (TDP)	35 W
Tjunction	85 °C

Ports & interfaces

Docking connector	✗
ExpressCard slot	✗
CardBus PCMCIA slot type	✗
SmartCard slot	✗
Headphone connectivity	3.5 mm
Microphone connectivity	3.5 mm

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Island-style keyboard	✔
Windows keys	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 8
Bundled software	Samsung ChatON, Family Story, AllShare Play, S Gallery, S Player, Media/Music Hub, S/W Update, Recovery, Settings, Support Center

Processor special features

Intel® Wireless Display (Intel® WiDi)	✗
Intel® My WiFi Technology (Intel® MWT)	✗
Intel® Anti-Theft Technology (Intel® AT)	✗
Intel® Identity Protection Technology (Intel® IPT)	✗
Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Intel® Turbo Boost Technology	✗
Enhanced Intel SpeedStep Technology	✔

Processor

Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
CPU multiplier (bus/core ratio)	24
ECC supported by processor	✗

Memory

Internal memory *	6 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1333 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 2 + 1 x 4 GB

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of hard drives installed	1
Hard drive capacity	500 GB
Optical drive type *	DVD±RW
Card reader integrated	✔

Graphics

Discrete graphics card model *	AMD Radeon HD 7670M
Discrete graphics memory type	GDDR3
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1150 MHz

Audio

Audio system	High Definition Audio
Number of built-in speakers	2
Speaker power	1,5 W
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution (numeric)	1,3 MP

Network

Wi-Fi	✔
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
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	✔

Processor special features

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	37.5x37.5 (rPGA988B)
Supported instruction sets	SSE4.1, SSE4.2
Processor code	SR0J1
CPU configuration (max)	1
Embedded options available	✗
Graphics & IMC lithography	32 nm
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	69669
Conflict-Free processor	✗
Integrated 4G WiMAX	✗

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery capacity	4400 mAh
Battery life (max)	6 h

Power

AC adapter power	90 W
DC-in jack	✔

Security

Cable lock slot	✔

Weight & dimensions

Width	411,3 mm
Depth	270,1 mm
Height	35,2 mm
Weight *	2,8 kg

Packaging content

AC adapter included *	✔
Power cord included	✔

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