

Samsung DP700A3B Intel® Core™ i5 i5-2390T 58.4 cm (23") 1920 x 1080 pixels Touchscreen 6 GB DDR3-SDRAM 1 TB HDD Windows 7 Home Premium Black, Silver

Brand : Samsung

Product code: DP700A3B-A01FR

Product name : DP700A3B

Samsung DP700A3B. Display diagonal: 58.4 cm (23"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen. Processor family: Intel® Core™ i5, Processor frequency: 2.7 GHz. Internal memory: 6 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 2000. Built-in camera. Optical drive type: DVD±RW. Operating system installed: Windows 7 Home Premium. Product color: Black, Silver



Display		Ports & interfaces	
Display diagonal *	58.4 cm (23")	Ethernet LAN (RJ-45) ports	1
Display resolution *	1920 x 1080 pixels	USB 2.0 ports quantity *	4
Touchscreen *	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Full HD	✓	HDMI ports quantity *	2
HD type *	Full HD	Headphone outputs	1
Touch technology	Multi-touch	Microphone in	✓
Native aspect ratio	16:9	DC-in jack	✓
Display brightness	250 cd/m²		
Display surface	Gloss		
Processor		Design	
Processor manufacturer *	Intel	Product color *	Black, Silver
Processor family *	Intel® Core™ i5	Performance	
Processor generation	2nd gen Intel® Core™ i5	Motherboard chipset	Intel® H61
Processor model *	i5-2390T	Software	
Processor cores	2	Operating system architecture	64-bit
Processor threads	4	Operating system installed *	Windows 7 Home Premium
Processor boost frequency	3.5 GHz	Trial software	Anti Virus Norton Internet Security (60 days trial version)
Processor frequency *	2.7 GHz	Bundled software	Easy Partition Manager Control Center
Processor cache	3 MB		
Processor cache type	Smart Cache	Processor special features	
System bus rate	5 GT/s	Intel® Turbo Boost Technology	2.0
Thermal Design Power (TDP)	35 W	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
PCI Express slots version	2.0	Intel® My WiFi Technology (Intel® MWT)	✗
Processor socket	LGA 1155 (Socket H2)	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor lithography	32 nm	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor operating modes	64-bit		
Bus type	DMI		
Processor codename	Sandy Bridge		

Processor		Processor special features	
Processor series	Intel Core i5-2300 Desktop Series	Intel® Wireless Display (Intel® WiDi)	✗
FSB Parity	✗	Enhanced Intel SpeedStep Technology	✓
Maximum number of PCI Express lanes	16	Intel® Quick Sync Video Technology	✓
Tcase	65 °C	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
CPU multiplier (bus/core ratio)	27	Intel Clear Video Technology	✗
Maximum internal memory supported by processor	32 GB	Intel® Insider™	✓
Conflict-Free processor	✗	Intel® InTru™ 3D Technology	✓
Memory types supported by processor	DDR3-SDRAM	Intel Flex Memory Access	✓
Memory clock speeds supported by processor	1066,1333 MHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory bandwidth supported by processor (max)	21 GB/s	Intel Trusted Execution Technology	✓
Memory channels supported by processor	Dual	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Demand Based Switching	✗
Internal memory *	6 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory type	DDR3-SDRAM	Intel 64	✓
Memory layout (slots x size)	1 x 2 + 1 x 4 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	37.5 x 37.5 mm
Number of storage drives installed	1	Supported instruction sets	AVX, SSE4.1, SSE4.2
Number of HDDs installed	1	CPU configuration (max)	1
HDD speed	7200 RPM	Embedded options available	✗
HDD interface	SATA II	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	DVD±RW	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Dual Display Capable Technology	✓
Graphics		Intel FDI Technology	✓
On-board graphics card *	✓	Intel Rapid Storage Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel Fast Memory Access	✓
On-board graphics card model *	Intel® HD Graphics 2000	Processor ARK ID	53448
On-board graphics card base frequency	650 MHz	Weight & dimensions	
On-board graphics card dynamic frequency (max)	1100 MHz	Width (with stand)	562.3 mm
Number of displays supported (on-board graphics)	2	Depth (with stand)	213 mm
On-board graphics card ID	0x102	Height (with stand)	382.1 mm
Audio		Weight (with stand)	8.31 kg
Built-in speaker(s) *	✓	Packaging content	
Number of speakers	2	Mouse included	✓
RMS rated power	8 W	Keyboard included	✓
Camera		Other features	
Built-in camera *	✓	Graphics card family	Intel
Total megapixels	1.3 MP	Storage drive interface	Serial ATA II
Network		TV tuner integrated	✗
Wi-Fi *	✓	Display included	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	HDMI	✓
Ethernet LAN *	✓	Networking features	Gigabit Ethernet, WLAN
Ethernet LAN data rates	10,100,1000 Mbit/s	Power supply	120 W
Bluetooth *	✓	Camera included	✓
Bluetooth version	3.0+HS		

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