

Samsung Galaxy Book Ion NP930XCJ-K01CA laptop Intel® Core™ i5 i5-10210U Netbook 33.8 cm (13.3") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Home Silver

Brand : Samsung

Product family: Galaxy Book Ion

Product code: NP930XCJ-K01CA



Product name : NP930XCJ-K01CA

- Windows 10 Home

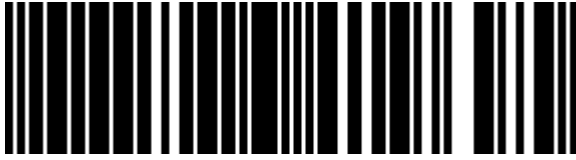
- QLED Display

- Wireless PowerShare

Intel Core i5-10210U (6MB Cache, 1.6GHz), 8GB DDR4-SDRAM, 256GB SSD, 33.8 cm (13.3") Full HD 1920 x 1080 LCD, Intel UHD Graphics, WLAN, Webcam, Windows 10 Home 64-bit
 Samsung Galaxy Book Ion NP930XCJ-K01CA. Product type: Netbook, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-10210U, Processor frequency: 1.6 GHz. Display diagonal: 33.8 cm (13.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 10 Home. Product colour: Silver

Design		Network	
Colour name	Aura Silver	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Product type *	Netbook	Mobile network connection *	✗
Product colour *	Silver	Antenna type	2x2
Form factor *	Clamshell	Ethernet LAN	✗
Market positioning	Educational	Bluetooth	✓
Display		Bluetooth version	5.0
Display diagonal *	33.8 cm (13.3")	Ports & interfaces	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	HDMI ports quantity *	1
HD type	Full HD	Thunderbolt 3 ports quantity	1
Panel type	QLED	Combo headphone/mic port	✓
LED backlight	✓	Charging port type	DC-in jack
Native aspect ratio	16:9	Keyboard	
Processor		Pointing device	Clickpad
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel® Core™ i5	Keyboard backlight	✓
Processor generation	10th gen Intel® Core™ i5	Keyboard backlight colour	White
Processor model *	i5-10210U	Island-style keyboard	✓
Processor cores	4	Full-size keyboard	✓
Processor threads	8	Software	
Processor boost frequency	4.2 GHz	Operating system architecture	64-bit
Processor frequency *	1.6 GHz	Operating system installed *	Windows 10 Home
System bus rate	4 GT/s	Link Sharing Live Message Live Wallpaper McAfee Live Safe (60 days trial) Samsung Gallery Quick Search Samsung DeX Samsung Flow Samsung Notes Samsung Recovery Samsung Settings Studio Plus Samsung Update teamPL	
Processor cache	6 MB	Processor special features	
Processor cache type	Smart Cache	Intel® My WiFi Technology (Intel® MWT)	✓
Processor socket	BGA 1528		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Comet Lake		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2.1 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		

Processor		Processor special features	
Tjunction	100 °C	Intel® Identity Protection Technology (Intel® IPT)	✓
Maximum number of PCI Express lanes	16	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
PCI Express slots version	3.0	Intel® Turbo Boost Technology	2.0
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1	Enhanced Intel SpeedStep Technology	✓
Memory		Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Internal memory *	8 GB	Intel Clear Video Technology	✓
Internal memory type	DDR4-SDRAM	Intel® Quick Sync Video Technology	✓
Memory form factor	On-board	Intel Flex Memory Access	✓
Storage		Intel® AES New Instructions (Intel® AES-NI)	✓
Total storage capacity *	256 GB	Intel Trusted Execution Technology	✗
Storage media *	SSD	Intel VT-x with Extended Page Tables (EPT)	✓
Number of SSDs installed	1	Intel® Secure Key	✓
SSD capacity	256 GB	Intel TSX-NI	✗
SSD interface	NVMe	Intel Stable Image Platform Program (SIPP)	✗
NVMe	✓	Intel® OS Guard	✓
Optical drive type *	✗	Intel Software Guard Extensions (Intel SGX)	✓
Card reader integrated	✓	Intel 64	✓
Compatible memory cards	MicroSD (TransFlash)	Execute Disable Bit	✓
Graphics		Idle States	✓
Discrete graphics card model *	Not available	Thermal Monitoring Technologies	✓
On-board graphics card *	✓	Processor package size	46 x 24 mm
On-board GPU manufacturer	Intel	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Discrete graphics card *	✗	CPU configuration (max)	1
On-board graphics card family	Intel® UHD Graphics	Embedded options available	✗
On-board graphics card model *	Intel® UHD Graphics	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card base frequency	300 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Processor ARK ID	195436
Maximum on-board graphics card memory	32 GB	Battery	
Number of execution units	24	Battery capacity *	69.7 Wh
On-board graphics card DirectX version	12.0	Battery life (max)	22 h
On-board graphics card OpenGL version	4.5	Power	
On-board graphics card ID	0x9B41	AC adapter power	65 W
Audio		Security	
Audio system	SoundAlive	Fingerprint reader	✓
Number of built-in speakers	2	Trusted Platform Module (TPM)	✓
Speakers manufacturer	AKG	Weight & dimensions	
Speaker power	5 W	Width	305.7 mm
Number of microphones	1	Depth	199.8 mm
Camera		Height	12.9 mm
Front camera	✓	Weight *	970 g
Front camera resolution	1280 x 720 pixels	Packaging content	
Front camera HD type	HD	Cables included	AC
Network			
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		



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