



# Lenovo Yoga 720 Intel® Core™ i7 i7-7700HQ Hybrid (2-in-1) 39.6 cm (15.6") Touchscreen 16 GB DDR4-SDRAM 512 GB SSD Windows 10 Home Grey



**Brand :** Lenovo

**Product family:** Yoga

**Product code:** 80X7001VUS

**Product name :** 720

Intel Core i7-7700HQ Processor (6M Cache, up to 3.80 GHz), 16GB RAM, 512GB SSD, 15.6" UHD IPS MT, NVIDIA GeForce GTX 1050M, Windows 10 Home 64

Lenovo Yoga 720. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder). Processor family: Intel® Core™ i7, Processor model: i7-7700HQ, Processor frequency: 2.8 GHz. Display diagonal: 39.6 cm (15.6"), Display resolution: 3840 x 2160 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 630. Operating system installed: Windows 10 Home. Product colour: Grey



Design		Keyboard	
Product type *	Hybrid (2-in-1)	Pointing device	Touchpad
Product colour *	Grey	Numeric keypad *	✗
Form factor *	Convertible (Folder)	Keyboard backlit	✓
Housing material	Aluminium	Full-size keyboard	✓
<b>Display</b>		Windows keys	✓
Touchscreen type	Capacitive	<b>Software</b>	
Display diagonal *	39.6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	3840 x 2160 pixels	Operating system installed *	Windows 10 Home
Touchscreen *	✓	<b>Processor special features</b>	
Touch technology	Multi-touch	Intel® Wireless Display (Intel® WiDi)	✓
Panel type	IPS	Intel® My WiFi Technology (Intel® MWT)	✓
LED backlight	✓	Intel® Smart Response Technology	✓
Native aspect ratio	16:9	Intel® Identity Protection Technology (Intel® IPT)	✓
Screen shape	Flat	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Dual-screen	✗	Intel® Turbo Boost Technology	2.0
<b>Processor</b>		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor family *	Intel® Core™ i7	Intel Clear Video Technology	✓
Processor generation	7th gen Intel® Core™ i7	Intel® InTru™ 3D Technology	✓
Processor model *	i7-7700HQ	Intel® Quick Sync Video Technology	✓
Processor cores	4	Intel Flex Memory Access	✓
Processor threads	8	Intel® Smart Cache	✓
Processor boost frequency	3.8 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor frequency *	2.8 GHz	Intel Trusted Execution Technology	✗
System bus rate	8 GT/s	Intel Enhanced Halt State	✓
Processor cache	6 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache type	Smart Cache	Intel® Secure Key	✓
Processor lithography	14 nm	Intel TSX-NI	✗
Processor operating modes	64-bit	Intel Stable Image Platform Program (SIPP)	✗
Processor series	Intel Core i7-7700 Mobile Series	Intel® OS Guard	✓
Processor codename	Kaby Lake		
Bus type	DMI3		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		

Processor		Processor special features	
PCI Express slots version	3.0	Intel Software Guard Extensions (Intel SGX)	✓
PCI Express configurations	1x16, 1x8, 2x4, 2x8	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
ECC supported by processor	✗	Intel 64	✓
<b>Memory</b>		Execute Disable Bit	✓
Internal memory *	16 GB	Idle States	✓
Internal memory type	DDR4-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speed	2133 MHz	Processor package size	42 x 28 mm
Memory form factor	On-board + SO-DIMM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory slots	1x SO-DIMM	CPU configuration (max)	1
Maximum internal memory *	16 GB	Embedded options available	✗
<b>Storage</b>		Graphics & IMC lithography	14 nm
Total storage capacity *	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	SSD	Intel Identity Protection Technology version	1.00
Number of SSDs installed	1	Intel Smart Response Technology version	1.00
SSD capacity	512 GB	Intel Stable Image Platform Program (SIPP) version	0.00
Optical drive type *	✗	Intel Secure Key Technology version	1.00
Card reader integrated	✗	Intel Small Business Advantage (SBA) version	1.00
<b>Graphics</b>		Intel TSX-NI version	0.00
Discrete graphics card memory	2 GB	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	97185
Discrete graphics card *	✓	Conflict-Free processor	✓
On-board graphics card family	Intel® HD Graphics	<b>Battery</b>	
On-board graphics card model *	Intel® HD Graphics 630	Battery technology	Lithium Polymer (LiPo)
On-board graphics card base frequency	350 MHz	Number of battery cells	6
On-board graphics card dynamic frequency (max)	1100 MHz	Battery capacity *	72 Wh
Maximum on-board graphics card memory	64 GB	Battery life (max)	10 h
On-board graphics card DirectX version	12.0	<b>Power</b>	
On-board graphics card OpenGL version	4.4	AC adapter power	135 W
On-board graphics card ID	0x591B	AC adapter frequency	50 - 60 Hz
Number of discrete graphics cards installed	1	AC adapter input voltage	100 - 240 V
<b>Audio</b>		<b>Security</b>	
Audio system	Dolby Audio	Fingerprint reader	✓
Number of built-in speakers	2	Trusted Platform Module (TPM)	✗
Speakers manufacturer	JBL	Password protection	✓
Speaker power	2.5 W	Password protection type	HDD, Power on, SSD, Supervisor
Built-in microphone	✓	<b>Certificates</b>	
Audio decoders	Dolby Audio Premium	Compliance certificates	RoHS
<b>Camera</b>		<b>Sustainability</b>	
Front camera	✓	Sustainability certificates	ENERGY STAR
Front camera resolution (numeric)	1 MP	<b>Weight &amp; dimensions</b>	
Front camera signal format	720p	Width	364 mm
<b>Network</b>		Depth	242 mm
Wi-Fi	✓	Height	19.9 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight *	2 kg
Ethernet LAN	✗	<b>Packaging content</b>	
Bluetooth	✓	Manual	✓
Bluetooth version	4.1	Power cord included	✓
<b>Ports &amp; interfaces</b>		<b>Other features</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	AC adapter included	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	LightScribe	✗

### Ports & interfaces

DVI port	✘
Microphone in	✘
Combo headphone/mic port	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

### Performance

Motherboard chipset	Intel® HM175
Ambient light sensor	✔

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