



Acer Predator 17 X GX-792-78YD i7-7820HK Notebook 43.9 cm (17.3") Full HD Intel® Core™ i7 32 GB DDR4-SDRAM 1.51 TB HDD+SSD NVIDIA® GeForce® GTX 1080 Wi-Fi 5 (802.11ac) Linux Black



Brand : Acer

Product family: Predator

Product code: NH.Q1EER.006

Product name : GX-792-78YD

Intel Core i7-7820HK (2.9GHz), 32GB DDR4, 1TB HDD + 512GB SSD, 43.9 cm (17.3") ComfyView Full HD 1920 x 1080 LED, NVIDIA GeForce GTX 1080 8GB, WLAN 802.11ac, Gigabit Ethernet, Bluetooth, Linux Acer Predator 17 X GX-792-78YD. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-7820HK, Processor frequency: 2.9 GHz. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 32 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1.51 TB, Storage media: HDD+SSD. On-board graphics card model: Intel® HD Graphics 630. Operating system installed: Linux. Product colour: Black



Design		Ports & interfaces	
Product type *	Notebook	Charging port type	DC-in jack
Product colour *	Black	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Market positioning	Gaming	Numeric keypad *	✓
Display		Keyboard backlit	✓
Display diagonal *	43.9 cm (17.3")	Windows keys	✓
Display resolution *	1920 x 1080 pixels	Software	
Touchscreen *	✗	Operating system installed *	Linux
HD type	Full HD	Processor special features	
Panel type	IPS	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Native aspect ratio	16:9	Intel® Smart Response Technology	✓
Dual-screen	✗	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	2.0
Processor generation	7th gen Intel® Core™ i7	Enhanced Intel SpeedStep Technology	✓
Processor model *	i7-7820HK	Intel HD Graphics	✓
Processor family *	Intel® Core™ i7	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2.9 GHz	Intel Clear Video Technology	✓
Processor boost frequency	3.9 GHz	Intel® InTru™ 3D Technology	✓
Processor threads	8	Intel® Quick Sync Video Technology	✓
System bus rate	8 GT/s	Intel Flex Memory Access	✓
Processor cores	4	Intel® Smart Cache	✓
Processor cache	8 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor lithography	14 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor series	Intel Core i7-7800 Mobile Series	Intel® Secure Key	✓
Processor codename	Kaby Lake	Intel TSX-NI	✓
Bus type	DMI3	Intel Stable Image Platform Program (SIPP)	✗
Thermal Design Power (TDP)	45 W	Intel® OS Guard	✓
Configurable TDP-down	35 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		
PCI Express configurations	1x16, 1x8, 2x4, 2x8		
ECC supported by processor	✗		

Memory		Processor special features	
Internal memory *	32 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR4-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory slots	4x SO-DIMM	Intel 64	✓
Maximum internal memory *	64 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1.51 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD+SSD	Processor package size	42 x 28 mm
Number of HDDs installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD capacity	1 TB	CPU configuration (max)	1
HDD interface	SATA	Embedded options available	✗
HDD speed	7200 RPM	Graphics & IMC lithography	14 nm
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	512 GB	Intel Identity Protection Technology version	1.00
SSD interface	SATA III	Intel Smart Response Technology version	1.00
Optical drive type *	✗	Intel Stable Image Platform Program (SIPP) version	0.00
Card reader integrated	✓	Intel Secure Key Technology version	1.00
Compatible memory cards	SD	Intel Small Business Advantage (SBA) version	1.00
Graphics		Intel TSX-NI version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 1080	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	97464
Discrete graphics card *	✓	Conflict-Free processor	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 630	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card base frequency	350 MHz	Number of battery cells	8
On-board graphics card dynamic frequency (max)	1100 MHz	Battery capacity	6000 mAh
Maximum on-board graphics card memory	64 GB	Battery capacity *	88 Wh
On-board graphics card DirectX version	12.0	Battery life (max)	3 h
On-board graphics card OpenGL version	4.4	Power	
On-board graphics card ID	0x591B	AC adapter power	330 W
Discrete graphics card memory	8 GB	AC adapter frequency	50 - 60 Hz
Discrete graphics memory type	GDDR5X	AC adapter input voltage	100 - 240 V
NVIDIA G-SYNC	✓	Security	
Audio		Cable lock slot	✓
Number of built-in speakers	4	Cable lock slot type	Kensington
Built-in microphone	✓	Fingerprint reader	✗
Camera		Password protection	✓
Front camera	✓	Password protection type	BIOS, HDD, Supervisor, User
Front camera resolution	1280 x 720 pixels	Weight & dimensions	
Network		Width	423 mm
Wi-Fi	✓	Depth	321.5 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Height	45 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height (front)	4.5 cm
Ethernet LAN	✓	Height (rear)	4.5 cm
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight *	4.55 kg
Bluetooth	✓	Packaging content	
Ports & interfaces		Cables included	AC
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Manual	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Power cord included	✓
Ethernet LAN (RJ-45) ports	1	Other features	
HDMI ports quantity *	1	AC adapter included	✓
DisplayPorts quantity	1	3D	✗
DVI port	✗		

Ports & interfaces

Headphone outputs	1
Combo headphone/mic port	✓
Docking connector	✗

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Publication date: 19-JUL-2023. Prints or copies of Information are only valid on the printed Publication date