



## DELL Latitude 5490 Intel® Core™ i7 i7-8650U Laptop 35,6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black

Brand : DELL

Product family: Latitude

Article code: P7TM4

Product name : 5490

DELL Latitude 5490. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-8650U, Processor frequency: 1,9 GHz. Display diagonal: 35,6 cm (14"), 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 620. Operating system installed: Windows 10 Pro. Product color: Black



Design		Ports & interfaces	
Product type *	Laptop	USB Type-C DisplayPort Alternate Mode	✓
Product color *	Black	PowerShare	✓
Form factor *	Clamshell	Number of USB ports with PowerShare support	1
Housing material	Carbon fibre, Polymer		
Market positioning	Business		
Display		Keyboard	
Display diagonal *	35,6 cm (14")	Pointing device	Touchpad
Display resolution *	1920 x 1080 pixels	Numeric keypad *	✗
Touchscreen *	✗	Keyboard backlight	✓
HD type	Full HD	Full-size keyboard	✓
Panel type	WVA	Windows keys	✓
LED backlight	✓		
Native aspect ratio	16:9	Software	
Display surface	Matt	Operating system architecture	64-bit
Display brightness	220 cd/m²	Drivers included	✓
Dual-screen	✗	Trial software	Microsoft Office, McAfee
Processor		Operating system installed *	Windows 10 Pro
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i7	Intel® My WiFi Technology (Intel® MWT)	✓
Processor generation	8th gen Intel® Core™ i7	Intel® Smart Response Technology	✓
Processor model *	i7-8650U	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	8	Intel® Turbo Boost Technology	2.0
Processor boost frequency	4,2 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	1,9 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
System bus rate	4 GT/s	Intel Clear Video Technology	✓
Processor cache	8 MB	Intel® InTru™ 3D Technology	✓
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✓
Processor socket	BGA 1356	Intel Flex Memory Access	✓
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Kaby Lake R		
Bus type	OPI		
Stepping	Y0		

Processor		Processor special features	
Thermal Design Power (TDP)	15 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-up frequency	2,1 GHz	Intel Trusted Execution Technology	✓
Configurable TDP-up	25 W	Intel Enhanced Halt State	✓
Configurable TDP-down	10 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down frequency	0,8 GHz	Intel® Secure Key	✓
Tjunction	100 °C	Intel TSX-NI	✓
Maximum number of PCI Express lanes	12	Intel Stable Image Platform Program (SIPP)	✓
PCI Express slots version	3.0	Intel® OS Guard	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel Software Guard Extensions (Intel SGX)	✓
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory		Intel 64	✓
Internal memory *	8 GB	Execute Disable Bit	✓
Internal memory type	DDR4-SDRAM	Idle States	✓
Memory clock speed	2400 MHz	Thermal Monitoring Technologies	✓
Memory form factor	SO-DIMM	Processor package size	42 x 24 mm
Memory layout (slots x size)	1 x 8 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory slots	2x SO-DIMM	Processor code	SR3L8
Maximum internal memory *	32 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	256 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	256 GB	Intel Stable Image Platform Program (SIPP) version	1,00
SSD interface	PCI Express	Intel Secure Key Technology version	1,00
SSD form factor	M.2	Intel TSX-NI version	1,00
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Processor ARK ID	124968
Compatible memory cards	SD	Conflict-Free processor	✓
Graphics		Battery	
Discrete graphics card model *	Not available	Number of battery cells	4
On-board graphics card *	✓	Power	
Discrete graphics card *	✗	AC adapter power	65 W
On-board graphics card family	Intel® UHD Graphics	AC adapter frequency	50 - 60 Hz
On-board graphics card model *	Intel® UHD Graphics 620	AC adapter input voltage	100 - 240 V
On-board graphics card base frequency	300 MHz	DC-in jack	✓
On-board graphics card dynamic frequency (max)	1150 MHz	Security	
Maximum on-board graphics card memory	32 GB	Cable lock slot	✓
On-board graphics card DirectX version	12.0	Cable lock slot type	Noble
On-board graphics card OpenGL version	4.4	Trusted Platform Module (TPM)	✓
On-board graphics card ID	0x5917	Password protection	✓
Audio		Operational conditions	
Audio chip	Realtek ALC3246	Operating temperature (T-T)	0 - 35 °C
Number of built-in speakers	2	Storage temperature (T-T)	-40 - 65 °C
Built-in microphone	✓	Operating relative humidity (H-H)	10 - 90%
Camera		Storage relative humidity (H-H)	0 - 95%
Front camera	✓	Operating altitude	0 - 3048 m
Front camera resolution (numeric)	1 MP	Non-operating altitude	0 - 10668 m
Front camera resolution	1280 x 720 pixels	Operating shock	160 G
Front camera signal format	720p		
Front camera HD type	HD		
Network			
Wi-Fi	✓		

Network		Operational conditions	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Non-operating shock	160 G
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Operating vibration	0,66 G
Wi-Fi data rate (max)	867 Mbit/s	Non-operating vibration	1,33 G
Antenna type	2x2	Weight & dimensions	
WLAN controller model	Intel Dual Band Wireless-AC 8265	Width	333,4 mm
Ethernet LAN	✓	Depth	228,9 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height (front)	2,03 cm
Bluetooth	✓	Height (rear)	2,05 cm
Bluetooth version	4.2	Weight *	1,6 kg
Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Manual	✓
Ethernet LAN (RJ-45) ports	1	Power cord included	✓
HDMI ports quantity *	1	Other features	
HDMI version	1.4	Maximum internal memory (64-bit)	32 GB
DisplayPorts quantity	1	Memory upgrade note	Additional memory sold separately
VGA (D-Sub) ports quantity	1		
Combo headphone/mic port	✓		



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