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

Product type *	Laptop
Product color *	Black
Form factor *	Clamshell
Housing material	Carbon fibre, Polymer
Market positioning	Business

Display

Display diagonal *	35,6 cm (14")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	WVA
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt
Display brightness	220 cd/m²
Dual-screen	✗

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	8th gen Intel® Core™ i7
Processor model *	i7-8650U
Processor cores	4
Processor threads	8
Processor boost frequency	4,2 GHz
Processor frequency *	1,9 GHz
System bus rate	4 GT/s
Processor cache	8 MB
Processor cache type	Smart Cache
Processor socket	BGA 1356
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Kaby Lake R
Bus type	OPI
Stepping	Y0

Ports & interfaces

USB Type-C DisplayPort Alternate Mode	✔
PowerShare	✔
Number of USB ports with PowerShare support	1

Keyboard

Pointing device	Touchpad
Numeric keypad *	✗
Keyboard backlit	✔
Full-size keyboard	✔
Windows keys	✔

Software

Operating system architecture	64-bit
Drivers included	✔
Trial software	Microsoft Office, McAfee
Operating system installed *	Windows 10 Pro

Processor special features

Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔

Processor

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
Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	3.0
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2400 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Number of SSDs installed	1
SSD capacity	256 GB
SSD interface	PCI Express
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics 620
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1150 MHz
Maximum on-board graphics card memory	32 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x5917

Audio

Audio chip	Realtek ALC3246
Number of built-in speakers	2
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution (numeric)	1 MP
Front camera resolution	1280 x 720 pixels
Front camera signal format	720p
Front camera HD type	HD

Network

Wi-Fi	✔

Processor special features

Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✔
Intel Stable Image Platform Program (SIPP)	✔
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 x 24 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR3L8
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1,00
Intel Smart Response Technology version	1,00
Intel Stable Image Platform Program (SIPP) version	1,00
Intel Secure Key Technology version	1,00
Intel TSX-NI version	1,00
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	124968
Conflict-Free processor	✔

Battery

Number of battery cells	4

Power

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Noble
Trusted Platform Module (TPM)	✔
Password protection	✔

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	0 - 3048 m
Non-operating altitude	0 - 10668 m
Operating shock	160 G

Network

Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Wi-Fi data rate (max)	867 Mbit/s
Antenna type	2x2
WLAN controller model	Intel Dual Band Wireless-AC 8265
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.2

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	1.4
DisplayPorts quantity	1
VGA (D-Sub) ports quantity	1
Combo headphone/mic port	✔

Operational conditions

Non-operating shock	160 G
Operating vibration	0,66 G
Non-operating vibration	1,33 G

Weight & dimensions

Width	333,4 mm
Depth	228,9 mm
Height (front)	2,03 cm
Height (rear)	2,05 cm
Weight *	1,6 kg

Packaging content

AC adapter included *	✔
Manual	✔
Power cord included	✔

Other features

Maximum internal memory (64-bit)	32 GB
Memory upgrade note	Additional memory sold separately

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