

Technical specifications

NOTE: Offerings may vary by region. For more information regarding the configuration of your computer in:

- Windows 10, click or tap **Start**  > **Settings** > **System** > **About**.

Topics:

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Processor

Your system is built with Intel Dual and Quad Core processors.

Table 2. Processor specifications

Processors Support List	UMA Graphics
Intel® Core™ i3-7130U (Dual Core, 3M Cache, 2.7GHz,15W)	Intel® HD Graphics 620
Intel® Core™ i5-7300U (Dual Core, 3M Cache, 2.6GHz,15W, vPro)	Intel® HD Graphics 620
Intel® Core™ i5-8250U (Quad Core, 6M Cache, 1.6GHz,15W)	Intel® UHD Graphics 620
Intel® Core™ i5-8350U (Quad Core, 6M Cache, 1.7GHz,15W, vPro)	Intel® UHD Graphics 620
Intel® Core™ i7-8650U (Quad Core, 8M Cache, 1.9GHz,15W, vPro)	Intel® UHD Graphics 620

Memory

Your computer supports a maximum of 32 GB of memory.

Table 3. Memory specifications

Minimum Memory Configuration	4 GB
Maximum Memory Configuration	32 GB
Number of slots	2 (SoDIMM)
Maximum memory supported per slot	16 GB
Memory options	<ul style="list-style-type: none">• 4 GB — 1 x 4 GB• 8 GB — 1 x 8 GB• 8 GB — 2 x 4 GB• 16 GB — 2 x 8 GB• 16 GB — 1 x 16 GB• 32 GB — 2 x 16 GB
Type	DDR4
Speed	<ul style="list-style-type: none">• 2400 MHz for 8th Gen Processor• 2133 MHz for 7th Gen Processor

Storage specification

NOTE: Depending on the configuration you order, you will see either a HDD or M.2 PCIe SSD in your system.

Feature	Specification
Storage:	<ul style="list-style-type: none">• HDD: 2.5 inch up to 1 TB, Hybrid, OPAL SED options• SSD M.2 2280 SATA: up to 512 GB, OPAL SED options• SSD M.2 2230 PCIe/NVMe : up to 512GB• SSD M.2 2280 PCIe x2 NVMe: up to 1 TB, OPAL SED options• Dell Fast Response Free Fall Sensor and HDD Isolation (standard feature)

Audio specifications

Feature	Specification
Types	High-definition audio
Controller	Realtek ALC3246
Internal interface	<ul style="list-style-type: none">• Universal Audio Jack• High Quality Speakers• Noise reducing array microphones• Volume control buttons, supports hot-key keyboard button
External interface	Stereo headset/mic combo



Feature	Specification
Speakers	Two
Volume controls	Hot keys

Video specification

integrated

Feature	Specification
Type	Integrated on system board, hardware accelerated
DSC controller	<ul style="list-style-type: none"> Intel HD Graphics 620 Intel UHD Graphics 620
Data bus	Integrated video
External display support	<ul style="list-style-type: none"> Integrated Graphics configurations supports HDMI 1.4 and Discrete graphics configurations support HDMI 2.0 VGA connector

Discrete

Feature	Specification
Type	Discrete
UMA controller	NVIDIA GeForce® MX130, GDDR5
Bus type	Internal PCIe 3.0

Camera option

This topics lists out the detailed camera specifications for your system.

Table 4. Camera specification

Camera type	HD fixed focus
IR Camera	Optional
Sensor type	CMOS sensor technology
Resolution: Motion video	Up to 1280 X 720 (1 MP)
Resolution: Still image	Up to 1280 X 720 (1 MP)
Imaging rate	Up to 30 frames per second

NOTE: The system is offered with no camera in one of the configurations.

Ports and Connectors

Table 5. Ports and Connectors

USB	Three USB 3.1 Gen 1 (one with PowerShare) One DisplayPort over USB Type-C.
Video	One VGA, HDMI 1.4 (UMA) / HDMI 2.0 (Discrete)
Network	One RJ-45
Modem	NA
Expansion	SD 4.0 Memory card reader
Smart Card Reader	Yes (optional)
Touch Fingerprint Reader	Yes (optional)
Contactless card reader	Yes (optional)
Audio	Universal Audio JAck High Quality Speakers Noise reducing array microphones Volume control buttons, supports hot-key keyboard button
Docking	DisplayPort over USB Type C™ Noble Wedge Lock slot

Contactless smart card

Feature	Specification
Supported Smart Cards/Technologies	FIPS 201 Contacted Smart Card

Display specification

Feature	Specification
Type	options: <ul style="list-style-type: none"> · FHD WVA (1920 x 1080) Anti-glare (16:9) WLED · HD (1366 x 768) Anti-glare (16:9) WLED · FHD WVA (1920 x 1080) Embedded Touch Display with Truelife (OTP Lite)
Size	14 inches
Luminance/Brightness (typical)	220 nits
Native Resolution	1366 x 768 / 1920 x 1080



Feature	Specification
Refresh Rate	60 Hz
Horizontal Viewing Angle	+/- 40 degrees
Vertical Viewing Angle	+10/- 30 degrees

Keyboard specification for Latitude 5490

Table 6. Keyboard specifications

Number of keys	82 (US), 83 (UK), 84 (BZ), 86 (JP)
Size	Full sized X= 19.05 mm key pitch Y= 19.05 mm key pitch
Backlit keyboard option	Yes (optional)

Keyboard hot key definitions for Latitude 5490

Table 7. Keyboard hot key definitions

Fn Key Combination	Function
Fn+ESC	Fn Toggle
Fn+ F1	Speaker Mute
Fn + F2	Volume Down
Fn + F3	Volume Up
Fn + F4	Mic Mute
Fn + F5	Num Lock
Fn + F6	Scroll Lock
Fn + F8	Display Toggle (Win + P)
Fn + F9	Search
Fn + F10	Keyboard backlight on/off
Fn + F11	Brightness down
Fn + F12	Brightness up

Fn + Insert	Sleep
Fn + Print Screen	Wireless on/off
Fn + left arrow	Home
Fn + right arrow	End

FnKey Mode:

Standard = The F1-F12 keys behave as function keys. Holding <Fn> is required to access their secondary functions.

Touch pad specifications

Table 8. Touch Pad specifications

Dimensions	Width: 101.7mm Height: 55.2mm
Interface	Inter-Integrated Circuit
Multi-Touch	Support 4 fingers

Supported Gestures

Windows 10

Cursor moving	Supported
Clicking/ tapping	Supported
Click and drag	Supported
2-finger scroll	Supported
2-finger Pinch/ Zoom	Supported
2-finger tap (Right Clicking)	Supported
3-finger tap (Invoke Cortana)	Supported
3-finger swipe up (See all open windows)	Supported
3-finger swipe down (Show the desktop)	Supported
3-finger swipe right or left (Switch between open windows)	Supported
4-finger tap (Invoke Action Center)	Supported
4-finger swipe right or left (Switch virtual desktops)	Supported



Battery specifications

Feature	Specification						
Type	<ul style="list-style-type: none">· 42 WHr· 51 WHr· 68 WHr· 4 cell Long Cycle Life Battery						
42 Whr	<ul style="list-style-type: none">· Length: 181mm (7.126 inch)· Width: 95.9mm (3.78 inch)· Height: 7.05mm (0.28 inch)· Weight: 210.00 g						
51 Whr	<ul style="list-style-type: none">· Length: 181mm (7.126 inch)· Width: 95.9mm (3.78 inch)· Height: 7.05mm (0.28 inch)· Weight: 250.00 g						
68 Whr	<ul style="list-style-type: none">· Length: 233mm (9.17 inch)· Width: 95.9mm (3.78 inch)· Height: 7.05mm (0.28 inch)· Weight: 340.00 g						
Voltage	<table><tbody><tr><td>42 WHr</td><td>11.4 VDC</td></tr><tr><td>51 WHr</td><td>11.4 VDC</td></tr><tr><td>68 WHr</td><td>7.6 VDC</td></tr></tbody></table>	42 WHr	11.4 VDC	51 WHr	11.4 VDC	68 WHr	7.6 VDC
42 WHr	11.4 VDC						
51 WHr	11.4 VDC						
68 WHr	7.6 VDC						
Life span	300 discharge/recharge cycles						
Temperature range							
Operating	<ul style="list-style-type: none">· Charge: 0°C to 50°C (32°F to 122°F)· Discharge: 0°C to 70°C (32°F to 158°F)· Operating: 0°C to 35°C (32°F to 95°F)						
Non-operating	- 20°C to 65°C (- 4°F to 149°F)						
Coin cell battery	3 V CR2032 lithium coin cell						

AC Adapter specifications

Feature	Specification
Type	<ul style="list-style-type: none">· 65 W adapter, 7.4 mm barrel· 65 W BFR/PVC Halogen Free adapter, 7.4 mm barrel

Feature	Specification
	<ul style="list-style-type: none"> 90 W adapter, 7.4 mm barrel
Input voltage	100 V AC to 240 V AC
Input current (maximum)	<ul style="list-style-type: none"> 65 W adapter - 1.7 A 65 W BFR/PVC Halogen Free adapter - 1.7 A 90 W adapter - 1.6 A
Adapter size	7.4 mm
Input frequency	50 Hz to 60 Hz
Output current	<ul style="list-style-type: none"> 65 W adapter - 3.34 A (continuous) 65 W BFR/PVC Halogen Free adapter - 3.34 A (continuous) 90 W adapter - 4.62 A (continuous)
Rated output voltage	19.5 V DC
Temperature range (Operating)	0°C to 40°C (32°F to 104°F)
Temperature range (Non-Operating)	-40°C to 70°C (-40°F to 158°F)

System dimensions

Table 9. System dimensions

		Touch
Weight (pounds/kilogram)		Start from 3.52 lb / 1.60 kg
Dimensions inches		
	Height	Touch system: <ul style="list-style-type: none"> Front – 20.3 mm (0.8 inch) Back – 20.5 mm (0.8 inch) Non-touch system: <ul style="list-style-type: none"> Front – 20.3 mm (0.8 inch) Back – 20.5 mm (0.8 inch)
	Width	333.4 mm (13.1 inch)
	Depth	228.9 mm (9.0 inch)

Operating Conditions

This topics lists the operating conditions of your system.

Table 10. Operating conditions

Temperature Range	<ul style="list-style-type: none"> Operating: 0 °C to 35 °C (32 °F to 95 °F)
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Relative humidity	<ul style="list-style-type: none"> Storage: -40 °C to 65 °C (-40 °F to 149 °F) Operating : 10 % to 90 % (non-condensing) Storage: 0% to 95% (non-condensing)
Altitude (maximum)	<ul style="list-style-type: none"> Operating : 3048 m (10,000 ft) Storage: 10668 m (35,000 ft)
Shock	<ul style="list-style-type: none"> Operating: 160 G with pulse duration of 2 ms (equivalent to 80 in/sec) Storage: 160 G with pulse duration of 2 ms (equivalent to 80 in/sec)
Vibration	<ul style="list-style-type: none"> Operating: 0.66 Grms Storage: 1.33 Grms

