

Latitude 7280



Processor specifications

Feature	Specification
Types	7th generation Intel Core i3 / i5 / i7

System specifications

Feature	Specification
Chipset	Integrated in the processor
DRAM bus width	64-bit
Flash EPROM	SPI 128 Mbits
PCIe bus	100 MHz
External Bus Frequency	DMI 3.0—8GT/s

Memory specifications

Feature	Specification
Memory connector	One SoDIMM slots
Memory capacity	4 GB and 8 GB
Memory type	DDR4 SDRAM—2133 MHz
Minimum memory	4 GB
Maximum memory	16 GB

Video specifications

Feature	Specification
Type	Integrated on system board
UMA controller	Intel Integrated HD Graphics 620
External display support	<ul style="list-style-type: none">· On system – eDP (internal display), HDMI· Optional Type-C port – VGA, DisplayPort 1.2, DVI

 **NOTE: Supports one VGA, DisplayPort, HDMI through the Docking station.**

Audio specifications

Feature	Specification
Types	Four-channel high-definition audio
Controller	Realtek ALC3246
Stereo conversion	24-bit—analog-to-digital and digital-to-analog
Internal interface	High-definition audio
External interface	Microphone-in, stereo headphones, and headset combo connector
Speakers	Two
Internal speaker amplifier	2 W (RMS) per channel
Volume controls	Hot keys

Battery specifications

Feature	Specification
Type	<ul style="list-style-type: none">· 3-cell Lithium Prismatic battery with ExpressCharge· 4-cell Lithium Prismatic battery with ExpressCharge

3-cell:

Length	200.5 mm (7.89 inches)
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Feature	Specification
Width	95.9 mm (3.78 inches)
Height	5.7 mm (0.22 inch)
Weight	185.0 g (0.41 lb)
Voltage	11.4 VDC
4-cell:	
Length	238 mm (9.37 inches)
Width	95.9 mm (3.78 inch)
Height	5.7 mm (0.22 inch)
Weight	270 g (0.6 lb)
Voltage	7.6 VDC
Life span	300 discharge per charge cycles

Temperature range

Operating	<ul style="list-style-type: none"> Charge: 0°C to 50°C (32°F to 158°F) Discharge: 0°C to 70°C (32°F to 122°F)
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Non-operating	- 20°C to 65°C (- 4°F to 149°F)
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Coin cell battery	3 V CR2032 lithium coin cell
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Feature Specification

Type	<ul style="list-style-type: none"> 3-cell Lithium Prismatic battery with ExpressCharge 4-cell Lithium Prismatic battery with ExpressCharge
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3-cell:

Depth	105.9 mm (4.17 inches)
Height	6.1 mm (0.24 inch)
Width	181.00 mm (7.13 inches)
Weight	195.0 g (0.43 lb)
Voltage	11.10 VDC

4-cell:

Depth	105.9 mm (4.17 inches)
Height	6.1 mm (0.24 inch)
Width	238.00 mm (9.37 inches)
Weight	300.00 g (0.66 lb)
Voltage	7.40 VDC
Life span	300 discharge per charge cycles

Temperature range


Operating	<ul style="list-style-type: none"> Charge: 0°C to 50°C (32°F to 158°F) Discharge: 0°C to 70°C (32°F to 122°F)
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Feature	Specification
	<ul style="list-style-type: none"> 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	65 W and 90 W
Input voltage	100 V AC to 240 V AC
Input current— maximum	1.7 A / 2.5 A
Input frequency	50 Hz to 60 Hz
Output current	3.34 A and 4.62 A
Rated output voltage	19.5 V DC
Weight	230 g (65 W) and 320 g (90 W)
Dimensions	22 x 66 x 106 mm (65 W) and 22 x 66 x 130 (90 W)
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)

Port and connector specifications

Feature	Specification
Audio	One microphone/stereo headphone/speakers connector
Video	<ul style="list-style-type: none"> HDMI 1.4
Network adapter	One RJ-45 connector
USB	Two USB 3.0 with one PowerShare
Memory card reader	Up to SD4.0
Micro Subscriber Identity Module (uSIM) card	One
Docking port	None
	 NOTE: Cable docking is available.
Express Card	None
USIM	External tray tied to WWAN hinge up



Communication specifications

Features	Specification
Network adapter	10/100/1000 Mb/s Ethernet (RJ-45)
Wireless	Internal wireless local area network (WLAN), wireless wide area network (WWAN), WiGig <ul style="list-style-type: none">· Bluetooth 4.1 LE

Camera specifications

Feature	Specification
Type	HD fixed focus
Sensor type	CMOS sensor technology
Imaging rate	Up to 30 frames per second
Video Resolution	1280 x 720 pixels

Touchpad specifications

Feature	Specification
Active Area:	
X-axis	99.50 mm
Y-axis	53.0 mm
X/Y position resolution	X: 1048cpi; Y:984cpi
Multi-touch	Configurable single finger and multi-finger gestures

Display specifications

Feature	Specification
HD anti-glare	
Luminance	200 nits
Height	155.52 mm (6.12 inches)
Width	276.62 mm (10.89 inches)
Diagonal	317.5 mm (12.5 inches)
Maximum resolution	1366 x 768
Refresh rate	60 Hz/48 Hz
Maximum viewing angles—horizontal	+/-40°
Maximum viewing angles—vertical	+10°/-30°
Pixel pitch	0.2025 x 0.2025 mm

Feature	Specification
FHD anti-glare:	
Luminance	300 nits
Height	155.52 mm (6.12 inches)
Width	276.62 mm (10.89 inches)
Diagonal	317.5 mm (12.5 inches)
Maximum resolution	1920 x 1080
Refresh rate	60 Hz
Maximum viewing angles—horizontal	+/-80°
Maximum viewing angles—vertical	+/-80°
Pixel pitch	0.144 x 0.144 mm

Feature	Specification
FHD anti-smudge	
Luminance	300 nits
Height	155.52 mm (6.12 inches)
Width	276.62 mm (10.89 inches)
Diagonal	305.3 mm (12.02 inches)
Maximum resolution	1920 x 1080
Refresh rate	60 Hz
Maximum viewing angles—horizontal	+/-80°
Maximum viewing angles—vertical	+/-80°
Pixel pitch	0.144 x 0.144

Physical specifications

Feature	Specification
Front height	11.51 mm (0.45 inch)
Back height—non-touch	17.05 mm (0.71 inch)
Back height—touch	17.3 mm (0.79 inch)
Width	304.8 mm (12.0 inches)
Depth	207.95 mm (8.19 inches)
Weight—non-touch with 3-cell battery	1.18 kg (2.61 lbs)



Environmental specifications

Temperature	Specifications
Operating	0°C to 60°C (32°F to 140°F)
Storage	-51°C to 71°C (-59°F to 159°F)

Relative humidity —maximum	Specifications
Operating	10% to 90% (non-condensing)
Storage	5% to 95% (non-condensing)

Altitude— maximum	Specifications
Operating	-15.2 m to 3048 m (-50 to 10,000 ft) 0°C to 35°C
Non-operating	-15.24 m to 10,668 m (-50 ft to 35,000 ft)

Airborne contaminant level	G2 or lower as defined by ISA S71.04-1985
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