

System specification

Feature	Specification
Processor type	Intel Kaby Lake U-Quad Core
System Chipset	Integrated with the processor
Total cache	<ul style="list-style-type: none">8 MB Cache - 8th Generation Intel core i76 MB Cache - 8th Generation Intel core i5

Memory

Feature	Specification
Type	DDR4
Speed	2133/2400 MHz
Connectors	2
Capacity	4 GB, 8 GB, 16 GB
Minimum Memory	4 GB (1 x 4 GB)
Maximum memory	32 GB

Video specification

Feature	Specification
Video controller:	<ul style="list-style-type: none">Intel Integrated UHD Graphics 620 (8th Gen Core i5, i7 processors)AMD Radeon 530 Graphics with 2GB/4GB GDDR5 vRAM
Memory	<ul style="list-style-type: none">Shared system memory2 GB/4 GB GDDR5 dedicated memory

Audio specification

Feature	Specification
Controller	Realtek ALC3254-CG
Integrated	<ul style="list-style-type: none">2 W x 2 SpeakersHD Audio performance
Feature	Specification <ul style="list-style-type: none">Digital-array microphones

Communication specification

Feature	Specification
Wireless	WLAN options: <ul style="list-style-type: none"> DW1820 2x2 ac 802.11ac+BT4.1 1x1 AC(Intel 3165 & DW1810) totally 3 cards

Ports and connectors specification

Feature	Specification
Audio	Universal audio jack connector
USB Type-C port	One
USB 3.1 with Gen 1	Two (one with PowerShare)
Video	HDMI
Memory card reader	microSD card reader

Display specification

Feature	Specification
Type	<ul style="list-style-type: none"> FHD (1920 x 1080) anti-glare LED-backlit display
Size	13.3 inches
Dimensions:	
Height	
Width	
Diagonal	13.3 inches
Active area (X/Y)	HD (1920 x 1080)
Maximum resolution	HD (1920 x 1080)
Maximum Brightness	13.3 inch HD Anti-Glare LCD display with LED backlight
Operating angle	0° (closed) to 135°
Refresh rate	60 Hz
Horizontal	FHD (80/80/80/80)
Vertical	FHD (80/80/80/80)

System specifications

Keyboard

Feature	Specification
Number of keys	<ul style="list-style-type: none"> United States: 80 keys United Kingdom: 81 keys Japan: 84 keys Brazil: 82 keys



Layout

QWERTY/AZERTY/Kanji

Touchpad specification

Feature	Specification
X/Y position resolution	1229 x 749
Dimensions	<ul style="list-style-type: none">Width: 105 mmHeight : 65 mm
Multi-Touch	Configurable single finger and multi-finger gestures

Camera

Feature	Specification
Camera type	HD fixed focus
Sensor type	CMOS Sensor
Still Resolution	1280 x 720 Pixels (Maximum)
Video Resolution	1280 x 720 Pixels (Maximum)
Diagonal	74 degrees

Storage specification

Features	Specification
Storage:	<ul style="list-style-type: none">128 GB M.2 SSD256 GB M.2 SSD512 GB M.2 SSD

Battery specification

Feature	Specification
Wattage	3 Cell, 38 Whr 'smart' Lithium-ion/polymer
Type	Li-ion/polymer
Feature	Specification
Length	256.4 mm (10.09 inch)
Height	5.2 mm (0.21 in)
Width	65.3 mm (2.57 inch)
Weight	0.18 kg (0.40 lbs)
Voltage	11.40 VDC
Operating	<ul style="list-style-type: none">Charge: 0° C to 60° C (32° F to 140° F)Discharge: 0° C to 70° C (32° F to 122° F)
Non-Operating	-20° C to 60° C (4° F to 140° F)
Typical Amp-hour capacity	3.333 Ahr



Typical Watt-hour capacity 38 Whr

Coin-cell battery 3 V CR2032 lithium ion cell

AC adapter

Feature	Specification
Wattage	45 W and 65 W
Input voltage	100 VAC to 240 VAC
Input current (maximum)	1.3 A/1.7 A
Input frequency	50 Hz to 60 Hz
Output current (continuous)	2.31 A/3.34 A
Rated output voltage	19.50 VDC

Height

- 45 W: 26 mm (1.02 inches)
- 65 W: 29.5 mm (1.16 inches)

Width

- 45 W: 40 mm (1.57 inches)
- 65 W: 46 mm (1.81 inches)

Depth

- 45 W: 94 mm (3.7 inches)
- 65 W: 108 mm (4.25 inches)

Weight

- 45 W: 170 g
- 65 W: 265 g

Temperature range: 0° to 40°C

System specifications

Feature	Specification
Operating	0°C to 40°C (32°F to 104°F)
Non-Operating	-40°C to 70°C (-40°F to 158°F)

Physical specification

Feature	Specification
Weight	1.439 kg (3.17 lbs)
Height (inches/mm)	<ul style="list-style-type: none">• Front – 15.81 mm (0.62 inch)• Rear – 17.55 mm (0.69 inch)
Width (inches/mm)	323.9mm (12.75inch)
Depth (inches/mm)	219.9 mm (8.65 inch)

Environmental specification



Feature	Specification
Temperature range:	
Operating	10° C to 35° C (50° F to 95° F)
Storage	-40° C to 65° C (-40° F to 149° F)
Relative humidity (maximum):	
Storage	20% to 80% (non-condensing)
Maximum vibration:	
Operating	5 to 350 Hz at 0.0002 G ² /Hz
Storage	5 to 500 Hz at 0.001 to 0.01 G ² /Hz
Maximum shock:	
Operating	40 G +/- 5% with pulse duration of 2 msec +/-10% (equivalent to 51 cm/sec [20 in/sec])
Storage	105 G +/- 5% with pulse duration of 2 msec +/-10% (equivalent to 127 cm/sec [50 in/sec])
Maximum Altitude:	
Operating	-15.2 to 3048 m (-50 to 10,000 ft)
Storage	-15.2 to 10,668 m (-50 to 35,000 ft)

