Specifications

Dimensions and weight

Table 2. Dimensions and weight

Height	17 mm (0.66 in)
Width	357 mm (14.06 in)
Depth	235 mm (9.27 in)
Weight (maximum)	• Touch: 2.06 kg (4.54 lb) • Non-touch: 1.88 kg (4.14 lb)

> **NOTE: The weight of your computer varies depending on the configuration ordered and the manufacturing variability.**

System information

Table 3. System information

Computer model	XPS 15-9560
Processor	• 7th generation Intel Core i3 • 7th generation Intel Quad Core i5/i7
Chipset	Mobile Intel HM175 Express Chipset

Memory

Table 4. Memory specifications

Slots	Two SODIMM slots
Type	DDR4
Speed	2400 MHz

Configurations supported	4 GB, 8 GB, 16 GB, and 32 GB

Communications

Table 5. Supported communications

Wireless	
	• Wi-Fi 802.11 ac
	• Wi-Fi 802.11 a/g/n
	• Bluetooth 4.1
	• Miracast

Audio

Table 6. Audio specifications

Controller	Realtek ALC3266 with Waves MaxxAudio Pro
Speakers	Two
Speaker output	• Average: 2 W
	• Peak: 2.5 W
Microphone	Digital-array microphones
Volume controls	Media-control shortcut keys

Storage

Table 7. Storage specifications

Interface	
	• SATA 3 Gbps
	• SATA 6 Gbps
	• PCIE Gen 3
Hard drive	One 2.5-inch drive
Solid-state drive	One M.2 drive

Media-card reader

Table 8. Media-card specifications

Type	One SD-card slot
Cards supported	• SD card • SD High Capacity (SDHC) • SD Extended Capacity (SDXC)

Keyboard

Table 9. Keyboard specifications

Type	Backlit keyboard
Shortcut keys	Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key. NOTE: You can define the primary behavior of the function keys (F1-F12) by changing Function Key Behavior in BIOS setup program. Keyboard shortcuts

Camera

Table 10. Camera specifications

Resolution	• Still image: 0.90 megapixel • Video: 1280 x 720 (HD) at 30 fps (maximum)
Diagonal viewing angle	74 degrees

Touch pad

Table 11. Touch pad specifications

Resolution	• Horizontal: 1219 • Vertical: 919
Dimensions	• Height: 80 mm (3.15 in) • Width: 105 mm (4.13 in)

Power adapter

Table 12. Power adapter specifications

Type	130 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.80 A
Output current (continuous)	6.67 A
Rated output voltage	19.50 VDC
Temperature range: Operating	0°C to 40°C (32°F to 104°F)
Temperature range: Storage	−40°C to 70°C (−40°F to 158°F)

Battery

Table 13. Battery specifications

Type	3-cell (56 WHr)	6-cell (97 WHr)
Width	71.80 mm (2.83 in)	71.80 mm (2.83 in)
Depth	223.20 mm (8.79 in)	330.50 mm (13.01 in)
Height	7.20 mm (0.28 in)	7.20 mm (0.28 in)
Weight (maximum)	0.24 kg (0.54 lb)	0.34 kg (0.76 lb)

Voltage	11.4 VDC	11.4 VDC
Charging time (approximate)	4 hours (when the computer is off)	
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	
Life span (approximate)	300 discharge/charge cycles	
Temperature range	• Operating: 0°C to 35°C (32°F to 95°F) • Storage: −40°C to 65°C (−40°F to 149°F)	
Coin-cell battery	ML1220	

Display

Table 14. Display specifications

Type	15.6-inch WLED FHD non-touch	15.6-inch WLED UHD touch
Resolution (maximum)	1920 x 1080	3840 x 2160
Viewing angle (Left/ Right/Up/Down)	85/85/85/85 degrees	85/85/85/85 degrees
Pixel pitch	0.18 mm	0.09 mm
Height (excluding bezel)	194.40 mm (7.66 in)	
Width (excluding bezel)	345.60 mm (13.61 in)	
Diagonal (excluding bezel)	396.52 (15.61 in)	
Refresh rate	60 Hz	
Operating angle	0 degree (closed) to 135 degrees	
Controls	Brightness can be controlled using shortcut keys	

Ports and connectors

Table 15. Ports and connectors

External:	
USB	• Two USB 3.0 ports with PowerShare • One Thunderbolt 3 port with Power delivery (USB-C)
Audio/Video	• One HDMI port • One headset port (headphone and microphone combo)

Table 16. Ports and connectors

Internal:	
M.2 Card	One M.2 slot for WiFi and Bluetooth combo card

Video

Table 17. Video specifications

	Integrated	Discrete
Controller	Intel HD Graphics 630	NVIDIA GeForce GTX 1050
Memory	Shared system memory	4 GB GDDR5

Computer environment

Airborne contaminant level: G1 as defined by ISA-S71.04-1985

Table 18. Computer environment

	Operating	Storage
Temperature range	0°C to 35°C (32°F to 95°F)	−40°C to 65°C (−40°F to 149°F)
Relative humidity (maximum)	10% to 90% (non-condensing)	0% to 95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	110 G†	160 G‡
Altitude (maximum)	−15.2 m to 3048 m (−50 ft to 10,000 ft)	−15.2 m to 10,668 m (−50 ft to 35,000 ft)

* Measured using a random vibration spectrum that simulates user environment.

† Measured using a 2 ms half-sine pulse when the hard drive is in use.

‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.

LaptopVANG.com