

## Tech specs

<b>Software</b>	Windows 10 Pro Creators Update 64-bit Office 365 30-day trial
<b>Dimensions</b>	13.5" (i5) 12.3 x 9.14 x 0.51–0.90 in. (312.00 x 232.00 x 13.00–23.00 mm) 13.5" (i7) 12.3 x 9.14 x 0.59–0.90 in. (312.0 x 232.00 x 15.00–23.00 mm) 15" (i7) 13.50 x 9.87 x 0.59–0.90 in. (343.00 x 251.00 x 15.00–23.00 mm)
<b>Weight</b>	13.5": Starting at 3.38 lbs (1,534 g) including keyboard 15": Starting at 4.2 lbs (1,905 g) including keyboard
<b>Hard drive size</b>	Solid state drive (SSD) options: 128GB, 256GB, 512GB, or 1TB PCIe SSD <sup>4</sup>
<b>Display</b>	Screen: 13.5" PixelSense™ Display Resolution: 3000 x 2000, (267 PPI) Aspect ratio: 3:2 Contrast ratio: 1600:1 Touch: 10-point multi-touch G5
<b>Display</b>	Screen: 15" PixelSense™ Display Resolution: 3240 x 2160, (260 PPI) Aspect ratio: 3:2 Contrast ratio: 1600:1 Touch: 10-point multi-touch G5
<b>Battery</b>	Up to 17 hours of video playback <sup>1</sup>
<b>Keyboard</b>	QWERTY
<b>Processor</b>	7th Gen Intel® Core™ i5-7300U with up to 3.50 GHz Max Turbo 8th Gen Intel® Core™ i7-8650U (quad-core) with up to 4.20 GHz Max Turbo
<b>Graphics</b>	13.5": Intel® HD Graphics 620 integrated GPU (on Intel® i5-7300U model) or NVIDIA® GeForce® GTX 1050 discrete GPU w/2GB GDDR5 graphics memory (on Intel® i7-8650U models) 15": NVIDIA® GeForce® GTX 1060 discrete GPU w/6GB GDDR5 graphics memory
<b>Security</b>	HW TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-in
<b>Memory</b>	8GB or 16GB RAM 1866Mhz LPDDR3
<b>Wireless</b>	Wi-Fi: 802.11ac Bluetooth: BT4.1 LE Xbox Wireless built-in (15" only)
<b>Ports</b>	2 X USB 3.0 Type A (Version 3.1 Gen 1) 1 X USB Type-C (Version 3.1 Gen 1 with USB Power Delivery revision 3.0) UHS-II SDXC card reader

	3.5mm headphone jack
	2 Surface Connect
	Windows Hello face authentication camera (front-facing)
<b>Camera</b>	5.0MP front-facing camera with 1080p HD video
	8.0MP rear-facing autofocus camera with 1080p Full HD video
<b>Video</b>	5.0MP front-facing camera with 1080p HD video
	8.0MP rear-facing autofocus camera with 1080p Full HD video
<b>Audio</b>	Dual microphones
	Front-facing stereo speakers with Dolby® Audio™ Premium
<b>Exterior</b>	Casing: Magnesium
	Color: Silver
	Physical buttons: Volume, Power
<b>Sensors</b>	Ambient light sensor
	Proximity sensor
	Accelerometer
	Gyroscope
	Magnetometer
<b>Warranty</b>	1-year limited hardware warranty
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	Resolution: 3240 x 2160, (260 PPI)
	Aspect ratio: 3:2
	Contrast ratio: 1600:1
	Touch: 10-point multi-touch G5