

Model	QCB-3561U		QCB-5251M	QCB-7571N
Price Starting At	\$1,481.00		\$1,650.00	\$1,999.00
Suggested Uses:	Gaming, Biofeedback		Gaming, Biofeedback	Gaming, Biofeedback
Processor				
Intel	Intel® Core Ultra 5-225H Processor		Intel Core 7 Processor 250H	Intel Core Ultra 9 Processor 275HX
Speed (GHz)	1.7 GHz, up to 4.9 GHz Turbo Boost, 14 cores / 14 thread, 18MB Cache, TDP: 28W		2.5 GHz, up to 5.4 GHz Turbo Frequency, 14 Cores / 20 Threads, 24MB Smart Cache, TDP: 45W	2.7 GHz, up to 5.4 GHz Turbo Frequency, 24 Cores, 36MB L3 Cache, TDP: 55W
Memory				
Installed Memory	16GB DDR5 SDRAM at 5600MHz		16GB DDR5 SDRAM at 5600MHz	16GB DDR5 SDRAM at 5600MHz
Display				
Display	16" FHD+ (1920x1200) Wide View Angle, Matte Finished		15.6" Full HD (1920x1080) 144Hz, Wide View Angle, Matte Finished	17.3" Full HD (1920x1080) 144Hz, Wide View Angle, 72% NTSC Display, Matte Finished
Graphics	Intel Xe Graphics		NVIDIA GeForce RTX 5050 GPU / Intel Integrated Graphics	NVIDIA GeForce RTX 5060 GPU / Intel Integrated Graphics
Disk Storage				
Hard Drive (GB)	1TB Crucial P3+ NVMe SSD		1TB Crucial P3+ NVMe SSD	1TB Crucial P3+ NVMe SSD
Audio System				
Audio	High Definition audio interface		High Definition audio interface, Sound Blaster Studio+	High Definition audio interface, Sound Blaster Studio+
Built-in Microphone	Built-in Array Microphone		Built-in Array Microphone	Built-in Array Microphone
Built-in Speakers	Two Speakers		Two Speakers	Two Speakers
Communication				
LAN	Built-in Gigabit Ethernet LAN		Built-in Gigabit Ethernet LAN	Built-in Gigabit Ethernet LAN Intel Wireless Wi-Fi 7 BE200 + Bluetooth
Wi-Fi + Bluetooth	Intel Wi-Fi 6E AX211 + Bluetooth		Intel Wi-Fi 6E AX211 + Bluetooth	
Slot				
Card Reader	SDMicro SDHC/SDXC		N/A	N/A
Input Devices				
Digital Camera	Built-in 1.0M HD Video Camera		Built-in 1.0M HD Video Camera with Privacy shutter	Built-in 1.0M HD Video Camera with Privacy shutter
Keyboard	Multi-languages, Single Zone White Color illuminated full-size keyboard with numeric pad		Multi-languages, Single Zone Multi-Color illuminated full size keyboard with numeric pad. (15 colors)	Multi-languages, Single Zone Multi-Color illuminated full size keyboard with numeric pad. (15 colors)
Trackpad	Integrated touchpad with Microsoft PTP multi-gesture and scrolling function		Integrated touchpad with Microsoft PTP multi-gesture and scrolling function	Integrated touchpad with Microsoft PTP multi-gesture and scrolling function
Interfaces				
Video Output	1 HDMI output Port (with HDCP), 1 Thunderbolt 4 Combo Port with power delivery DC in (Type-C)		1 HDMI output Port (with HDCP), 1 Mini Display Port 1.4, 1 DisplayPort 1.4 over USB 3.2 Gen 2 Port (Type C)	1 HDMI output Port (with HDCP) 1 DisplayPort 2.1 over USB 3.2 Gen 2 Port (Type C) 1 DisplayPort 2.1 over USB 3.2 Gen 2 port (Type C) with Power Delivery DC-in
USB Ports	1 USB 3.2 Gen 2 Port with Power Delivery DC in (Type C), 1 USB 3.2 Gen 2 Port (Type-A) (1x Powered USB port, AC/DC) 1 USB 3.2 Gen 1 Port (Type-A)		1 USB 3.2 Gen 2 port (Type A) with Power USB Port, AC/DC 1 USB 3.2 Gen 1 Port (Type A) 1 USB 2.0 Port (Type A)	1 USB 3.2 Gen 2 Port (Type A) 1 USB 3.2 Gen 2 Port (Type A) 1 USB 3.2 Gen 1 Port (Type A)
Audio Ports (Line-In, Line-Out & Microphone-In)	1 2-in-1 Audio Jack (Headphone / Microphone)		1 2-in-1 Audio Jack (Headphone / Microphone)	1 2-in-1 Audio Jack (Headphone / Microphone)
Power System				
Battery Pack	Rechargeable 4 cells Polymer battery pack 60WH		Rechargeable 4 cells Polymer battery pack 73WH	Rechargeable 4 cells Polymer battery pack 73WH
AC Adapter	90W AC Adapter, DC 16V, 4.7A		180W AC Adapter, DC 20V, 9A	230W AC Adapter, DC 20V, 11.5A
Software				
Installed OS	Windows 11 Professional		Windows 11 Professional	Windows 11 Professional
Physical Appearance				
Size (WxDxH)	14.10"x10.18"x0.71"		14.21"x9.72"x0.97"	15.63"x10.44"x1.13"
Weight w/Battery	3.86 Lbs including battery		4.96 Lbs including battery	6.17 Lbs including battery
Warranty				
Included Warranty	1 Year Parts, Labor, 1 way ground shipping USA		1 Year Parts, Labor, 1 way ground shipping USA	1 Year Parts, Labor, 1 way ground shipping USA
Pricing	QCB-3561U		QCB-5251M	QCB-7571N
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