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Operating System			
Windows 11 Pro	Windows 11 Pro	Windows 11 Pro	Windows 11 Pro
Processor			
12th Gen Intel® Core™ i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 14 cores: 6 P-cores and 8 E-cores)	12th Gen Intel® Core™ i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 14 cores: 6 P-cores and 8 E-cores)	12th Gen Intel® Core™ i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 14 cores: 6 P-cores and 8 E-cores)	12th Gen Intel® Core™ i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 14 cores: 6 P-cores and 8 E-cores)
Graphics			
NVIDIA® GeForce RTX™ 4060 Laptop GPU ROG Boost: 2300MHz* at 120W (2250MHz Boost Clock+50MHz OC, 100W+20W Dynamic Boost) 8GB GDDR6	NVIDIA® GeForce RTX™ 4060 Laptop GPU ROG Boost: 2300MHz* at 120W (2250MHz Boost Clock+50MHz OC, 100W+20W Dynamic Boost) 8GB GDDR6	NVIDIA® GeForce RTX™ 4060 Laptop GPU ROG Boost: 2300MHz* at 120W (2250MHz Boost Clock+50MHz OC, 100W+20W Dynamic Boost) 8GB GDDR6	NVIDIA® GeForce RTX™ 4060 Laptop GPU ROG Boost: 2300MHz* at 120W (2250MHz Boost Clock+50MHz OC, 100W+20W Dynamic Boost) 8GB GDDR6
Display			
16-inch FHD+ 16:10 (1920 x 1200, WUXGA) Value IPS-level Anti-glare display 100% 165Hz G-Sync MUX Switch + NVIDIA® Advanced Optimus Yes	ROG Nebula Display 16-inch QHD+ 16:10 (2560 x 1600, WQXGA) IPS-level Anti-glare display 100% 240Hz G-Sync Pantone Validated MUX Switch + NVIDIA® Advanced Optimus Yes	16-inch FHD+ 16:10 (1920 x 1200, WUXGA) Value IPS-level Anti-glare display 100% 165Hz G-Sync MUX Switch + NVIDIA® Advanced Optimus Yes	ROG Nebula Display 16-inch QHD+ 16:10 (2560 x 1600, WQXGA) IPS-level Anti-glare display 100% 240Hz G-Sync Pantone Validated MUX Switch + NVIDIA® Advanced Optimus Yes
Memory			
16GB DDR4 on board 16GB DDR4-3200 SO-DIMM 48GB	16GB DDR4 on board 16GB DDR4-3200 SO-DIMM 48GB	16GB DDR4 on board 16GB DDR4-3200 SO-DIMM 48GB	16GB DDR4 on board 16GB DDR4-3200 SO-DIMM 48GB
Storage			
2TB PCIe® 4.0 NVMe™ M.2 SSD	2TB PCIe® 4.0 NVMe™ M.2 SSD	2TB PCIe® 4.0 NVMe™ M.2 SSD	2TB PCIe® 4.0 NVMe™ M.2 SSD
I/O Ports			
1x 3.5mm Combo Audio Jack 1x HDMI 2.1 FRL 2x USB 3.2 Gen 2 Type-A 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 1x RJ45 LAN port 1x Thunderbolt™ 4 support DisplayPort™ / power delivery	1x 3.5mm Combo Audio Jack 1x HDMI 2.1 FRL 2x USB 3.2 Gen 2 Type-A 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 1x RJ45 LAN port 1x Thunderbolt™ 4 support DisplayPort™ / power delivery	1x 3.5mm Combo Audio Jack 1x HDMI 2.1 FRL 2x USB 3.2 Gen 2 Type-A 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 1x RJ45 LAN port 1x Thunderbolt™ 4 support DisplayPort™ / power delivery	1x 3.5mm Combo Audio Jack 1x HDMI 2.1 FRL 2x USB 3.2 Gen 2 Type-A 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 1x RJ45 LAN port 1x Thunderbolt™ 4 support DisplayPort™ / power delivery
Keyboard and Touchpad			
Backlit Chiclet Keyboard 1-Zone RGB Touchpad	Backlit Chiclet Keyboard 1-Zone RGB Touchpad	Backlit Chiclet Keyboard 1-Zone RGB Touchpad	Backlit Chiclet Keyboard 1-Zone RGB Touchpad
Camera			
720P HD IR Camera for Windows Hello	720P HD IR Camera for Windows Hello	720P HD IR Camera for Windows Hello	720P HD IR Camera for Windows Hello
Audio			
Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification Built-in array microphone	Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification Built-in array microphone	Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification Built-in array microphone	Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification Built-in array microphone

2x 2W Tweeter 2x 2W dual-force woofer with Smart Amp Technology	2x 2W Tweeter 2x 2W dual-force woofer with Smart Amp Technology	2x 2W Tweeter 2x 2W dual-force woofer with Smart Amp Technology	2x 2W Tweeter 2x 2W dual-force woofer with Smart Amp Technology
Network and Communication			
Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.2 (*Bluetooth® version may change with OS version different.)	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.2 (*Bluetooth® version may change with OS version different.)	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.2 (*Bluetooth® version may change with OS version different.)	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.2 (*Bluetooth® version may change with OS version different.)
Battery			
90WHrs, 4S1P, 4-cell Li-ion	90WHrs, 4S1P, 4-cell Li-ion	90WHrs, 4S1P, 4-cell Li-ion	90WHrs, 4S1P, 4-cell Li-ion
Power Supply			
ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal	ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal	ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal	ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal
AURA SYNC			
Yes	Yes	Yes	Yes
Weight			
2.00 Kg (4.41 lbs)	2.00 Kg (4.41 lbs)	2.00 Kg (4.41 lbs)	2.00 Kg (4.41 lbs)
Dimensions (W x D x H)			
35.5 x 24.3 x 2.05 ~ 2.29 cm (13.98" x 9.57" x 0.81" ~ 0.90")	35.5 x 24.3 x 1.99 ~ 2.23 cm (13.98" x 9.57" x 0.78" ~ 0.88")	35.5 x 24.3 x 2.05 ~ 2.29 cm (13.98" x 9.57" x 0.81" ~ 0.90")	35.5 x 24.3 x 1.99 ~ 2.23 cm (13.98" x 9.57" x 0.78" ~ 0.88")
Xbox Game Pass			
Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Security			
BIOS Administrator Password and User Password Protection Kensington Security Slot™ Trusted Platform Module (Firmware TPM)	BIOS Administrator Password and User Password Protection Kensington Security Slot™ Trusted Platform Module (Firmware TPM)	BIOS Administrator Password and User Password Protection Kensington Security Slot™ Trusted Platform Module (Firmware TPM)	BIOS Administrator Password and User Password Protection Kensington Security Slot™ Trusted Platform Module (Firmware TPM)
Included in the Box			
ROG backpack ROG Gladius III Mouse P514 TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal	ROG backpack ROG Gladius III Mouse P514 TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal	ROG backpack ROG Gladius III Mouse P514 TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal	ROG backpack ROG Gladius III Mouse P514 TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal
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