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Operating System			
Windows 11 Pro	Windows 11 Pro	Windows 11 Pro	Windows 11 Pro
Processor			
13th Gen Intel® Core™ i9-13980HX Processor 2.2 GHz (36M Cache, up to 5.6 GHz, 24 cores: 8 P-cores and 16 E-cores)	13th Gen Intel® Core™ i9-13980HX Processor 2.2 GHz (36M Cache, up to 5.6 GHz, 24 cores: 8 P-cores and 16 E-cores)	13th Gen Intel® Core™ i9-13980HX Processor 2.2 GHz (36M Cache, up to 5.6 GHz, 24 cores: 8 P-cores and 16 E-cores)	13th Gen Intel® Core™ i9-13980HX Processor 2.2 GHz (36M Cache, up to 5.6 GHz, 24 cores: 8 P-cores and 16 E-cores)
Graphics			
NVIDIA® GeForce RTX™ 4080 Laptop GPU ROG Boost: 2330MHz* at 175W (2280MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost) 12GB GDDR6	NVIDIA® GeForce RTX™ 4080 Laptop GPU ROG Boost: 2330MHz* at 175W (2280MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost) 12GB GDDR6	NVIDIA® GeForce RTX™ 4070 Laptop GPU ROG Boost: 2225MHz* at 140W (2175MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost) 8GB GDDR6	NVIDIA® GeForce RTX™ 4070 Laptop GPU ROG Boost: 2225MHz* at 140W (2175MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost) 8GB GDDR6
Display			
ROG Nebula Display 18-inch QHD+ 16:10 (2560 x 1600, WQXGA) IPS-level Anti-glare display 100.00% 240Hz 3ms G-Sync Pantone Validated MUX Switch + NVIDIA® Advanced Optimus Yes	ROG Nebula Display 18-inch QHD+ 16:10 (2560 x 1600, WQXGA) IPS-level Anti-glare display 100.00% 240Hz 3ms G-Sync Pantone Validated MUX Switch + NVIDIA® Advanced Optimus Yes	ROG Nebula Display 18-inch QHD+ 16:10 (2560 x 1600, WQXGA) IPS-level Anti-glare display 100.00% 240Hz 3ms G-Sync Pantone Validated MUX Switch + NVIDIA® Advanced Optimus Yes	ROG Nebula Display 18-inch QHD+ 16:10 (2560 x 1600, WQXGA) IPS-level Anti-glare display 100.00% 240Hz 3ms G-Sync Pantone Validated MUX Switch + NVIDIA® Advanced Optimus Yes
Memory			
16GB DDR5-4800 SO-DIMM x 2 32GB Support dual channel memory	16GB DDR5-4800 SO-DIMM x 2 32GB Support dual channel memory	16GB DDR5-4800 SO-DIMM x 2 32GB Support dual channel memory	16GB DDR5-4800 SO-DIMM x 2 32GB Support dual channel memory
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 2.5G LAN port 1x Thunderbolt™ 4 support DisplayPort™ / G-SYNC	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 2.5G LAN port 1x Thunderbolt™ 4 support DisplayPort™ / G-SYNC	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™	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™
Keyboard and Touchpad			
Backlit Chiclet Keyboard Per-Key RGB Touchpad	Backlit Chiclet Keyboard Per-Key RGB Touchpad	Backlit Chiclet Keyboard Per-Key RGB Touchpad	Backlit Chiclet Keyboard Per-Key RGB Touchpad
Camera			
720P HD camera	720P HD camera	720P HD camera	720P HD camera
Audio			
Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification	Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification	Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification	Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification

Built-in array microphone 2-speaker system with Smart Amplifier Technology	Built-in array microphone 2-speaker system with Smart Amplifier Technology	Built-in array microphone 2-speaker system with Smart Amplifier Technology	Built-in array microphone 2-speaker system with Smart Amplifier 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, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, 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, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, 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, 280W AC Adapter, Output: 20V DC, 14A, 280W, 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, 280W AC Adapter, Output: 20V DC, 14A, 280W, 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
Device Lighting			
Aura Sync Light Bar	Aura Sync Light Bar	Aura Sync Light Bar Aura Sync logo	Aura Sync Light Bar
Weight			
3.00 Kg (6.61 lbs)	3.00 Kg (6.61 lbs)	3.00 Kg (6.61 lbs)	3.00 Kg (6.61 lbs)
Dimensions (W x D x H)			
39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")	39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")	39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")	39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")
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 Trusted Platform Module (Firmware TPM)	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)
Included in the Box			
ROG backpack ROG Impact Gaming Mouse TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal *Included accessories vary according to country and territory. Please check with your local ASUS retailer for details	ROG backpack ROG Impact Gaming Mouse TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal *Included accessories vary according to country and territory. Please check with your local ASUS retailer for details	ROG backpack ROG Impact Gaming Mouse TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal *Included accessories vary according to country and territory. Please check with your local ASUS retailer for details	ROG backpack ROG Impact Gaming Mouse TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal *Included accessories vary according to country and territory. Please check with your local ASUS retailer for details
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