RT-X15M

15.6" Rugged Windows Notebook

Model specifications



Display: 15.6-inch
Operating system: Windows 11 Pro
Protection: IP65
Battery: Internal battery: 1,300 mAh / 11.1 V; removable battery: 4,700 mAh / 11.4 V

Product Form

Specification	Standard	Optional
Product Form	15.6" Rugged Windows Notebook	
Dimensions	407 × 305.8 × 45.5 mm	
Weight	Approx. 3.52 kg (bare unit)	
Screen size	15.6 in	
Resolution	1920 × 1080 FHD	
Brightness	1000 nits	
Touch Panel		10-point capacitive touch, G+G, Corning Gorilla hardness 7H+, Scratch-resistant, supports glove touch
Battery	Internal battery: 1,300 mAh / 11.1 V; removable battery: 4,700 mAh / 11.4 V	
Camera	Front 5 MP	
Speaker, Microphone	3 W speaker × 1, Microphone, Class-K audio	

Hardware Configuration

Specification	Standard	Optional
CPU	Intel Core Ultra 7 155H (24 MB cache, up to 4.8 GHz, 16 cores, 22 Threads, TDP 28 W)	Intel Core Ultra 5 125H (18 MB cache, up to 4.5 GHz, 14 cores, 18 Threads, TDP 28 W)
GPU	Intel Xe LPG Graphics Card	
RAM	32 GB DDR5 SO-DIMM	16 GB DDR5
Storage	256 GB PCIe SSD storage	512 GB/1 TB SSD storage
Gravity sensor	Supported	
Trusted Platform Module	TPM 2.0	

System

Specification	Standard	Optional
Operating System	Windows 11 Pro	Windows 11 Home/IoT

Wireless Connection

Specification	Standard	Optional
Wi-Fi	Wi-Fi 6 / Wi-Fi 6E (802.11ax)	
Bluetooth	Bluetooth 5.1	
Cellular network		4G LTE (EC200A-EL); LTE-FDD: B1/3/5/7/8/20/28; LTE-TDD: B38/40/41; WCDMA: B1/5/8; GSM: /
5G network		5G (RM530 N-GL)
GNSS	GPS module	
NFC		HF-RFID (NFC) reader (NXP300)

Data Collection

Specification	Value
Fingerprint	× 1 SPI Fingerprint (power-on login)

Interfaces

Specification	Standard	Optional
USB Interfaces	USB 3.2 Gen 2 (Type-A) × 1; USB 3.2 Gen 1 (Type-A) × 1; USB 2.0 (Type-A) × 1	
Headphone	Ø3.5 mm audio jack × 1	
Memory card	microSD card × 1	
SIM Card	1 SIM slot	
HDMI	HDMI 2.0a mini × 1	
DC Interfaces	19 V / 3.78 A, 5.5 mm DC input jack × 1	
POGO PIN		12-pin pogo connector × 1 (charging and USB)
DB9	RS232 × 1	
RJ45	× 2 (10/100/1000 MAdaptive)	
Expansion Slot		M.2-2280 M-key PCIe G4 SSD storage interface × 1; Optional: M.2 E-KEY interface × 1 PCIe x1 Custom Module
Kensington Lock Slot	Kensington Lock Slot × 1	
Heat Dissipation Vent	Heat Dissipation Ventx1	
Type C Interfaces	Type-C interface, supports Thunderbolt 4	

Other

Specification	Standard	Optional
Power Supply	100-240 V, 50 Hz-60 Hz, 71.82 W (19 V/3.78 A)	
Protection and standards	IP65; MIL-STD-810H; CE; CCC; FCC; MSDS; IEC 62133	
Accessories	Power adapter; removable battery	RT-ACC-MDC14 four-bay battery charger

Specifications vary by configuration and region. Confirm the exact configuration in your quotation.