

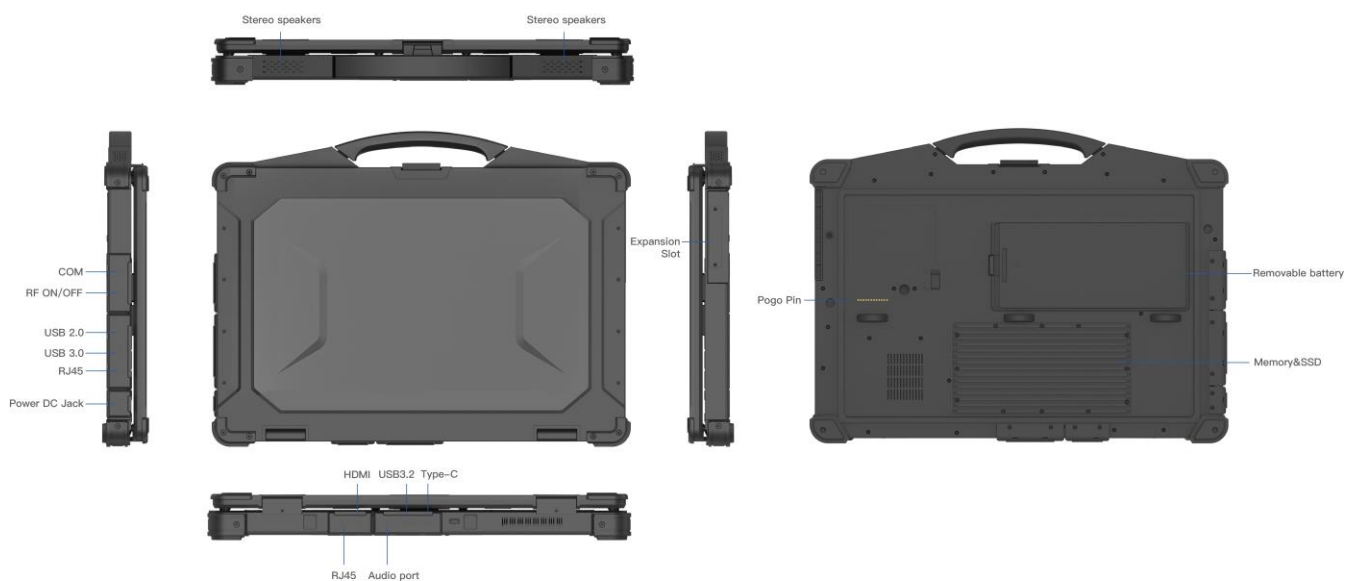
15.6" Rugged AI Notebook



Features

- Support for Win 11/10 system
- Intel® Core™ Ultra 7 Processor 155H/ Ultra 5 Processor 125H
- The fuselage is equipped with dual battery design and increase endurance to 6-8 Hours
- IP65 high protection level, in accordance with MIL-STD-810H
- Support WiFi 6, BT 5.1, M.2 interface 5G/4G selection
- Support 1920x1080 FHD, optional with Corning gorilla screen
- Support rich expansion slot and fingerprint design, can be applied to various complex industry needs an expand demand

Product View



Specification

System	
Processor	- Intel® Core™ Ultra 7 Processor 155H - Optional Intel® Core™ Ultra 5 Processor 125H
OS Support	Windows 11/10
Memory	16Gb/32GB
Storage	256GB/512GB
LCD	14" FHD 16:9, 1920x1080, 1000nits
Touch Panel	- Optional 10-point capacitive screen, - Hardness 7H, Scratch Resistance - Supports Glove Touch
Camera	Front 5.0MP
I/O	- USB3.2 x1, USB3.0 x1 · USB2.0 x1 - TYPE-C, Supports Thunderbolt 4 - ϕ3.5mm Standard Earphone Jack x1 - HDMI 2.0a mini x1 - SIM card x1 · TF card x1 - RJ45x1 10M/100M/1000M self-adaptive · - RJ45x1 10M/100M/1000Mself-adaptive(USB2.0), supports Gigabit Ethernet protocol - RS232 x1, 9 fully functional lines - DC19V/3.78A ϕ5.5mm power interface x1 - Anti-theft Lock Slot x1 - Right-side Cooling Vent x1 - Left-side expansion slot, optional M.2-2280 PCIe interface x1, supports SSD; - Optional: M.2 E-KEY interface x1 for custom modules - Optional: 12PIN Pogo Pin (USB & Charging) x1
Power	AC100V ~ 240V, Output DC 19V/3.78A/71.82W output US Standard (Optional EU Standard)
Color	Black
Communication	
WIFI	Wi-Fi 6 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax
Bluetooth	- BT5.1(BLE) class 1 - Transmission distance: 10m
4G	4G Optional M.2 European Standard - LTE-FDD: B1/3/5/7/8/20/28 - LTE-TDD: B38/40/41
5G	5G Optional M.2 5G NR - NSA n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40/41/48/66/70/ 71/75/76/77/78/79/ - SA n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40/41/48/ 66/70/71/75/76/77/78/79 - LTE - LTE-FDD B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/66/71 - LTE-TDD B34/38/39/40/41/42/43/48 - LAA B46 - UMTS WCDMA B1/2/4/5/8/19
GNSS	Supports single GPS or single Glonass, default GPS

Battery	
Small Battery	- Built-in Polymer Lithium-ion Battery, Non-removable 1300mah/11.1V (14.4WH) 1.5H (Default 50% volume, 200 lumens brightness, playing 1080P HD video)
Large Battery	- Removable Li-polyment Battery, Hot-swappable 4850mah/11.55V (56WH) 8H (1080P video playing with system in balanced mode, 320nits screen brightness, 70db volume at 10cm, - and WiFi/BT turned off)
Data Collection	
Fingerprint	SPI Fingerprint (Power on Login)
Keyboard	US Layout Keyboard with Backlight
NFC	- Optional, 13.56MHz, ISO/IEC 14443A/B, - ISO/IEC 15693, ISO/IEC 18092
Mechanical & Reliability	
Dimension	363.2 x 287.4 x 42.1mm
Weight	2970g
Operating Temperature	-20 °C ~ 60 °C
Storage Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810H certified
Drop Height	1.2m

Application

Various modules and accessories can be selected to meet customers' application in various industries. Agricultural Production, Outdoor Work, Equipment Monitoring, Industrial Manufacturing.



Agricultural Production



Outdoor Work



Equipment Monitoring



Industrial Manufacture

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All technical specifications are subjected to change without prior notice.