SINETIC

XtremeBook X56A

15.6" Rugged Notebook

Windows	IP65	GPS
Camera	Dual-Battery	
Fingerprint	NFC	5G
WIFI	Bluetooth	

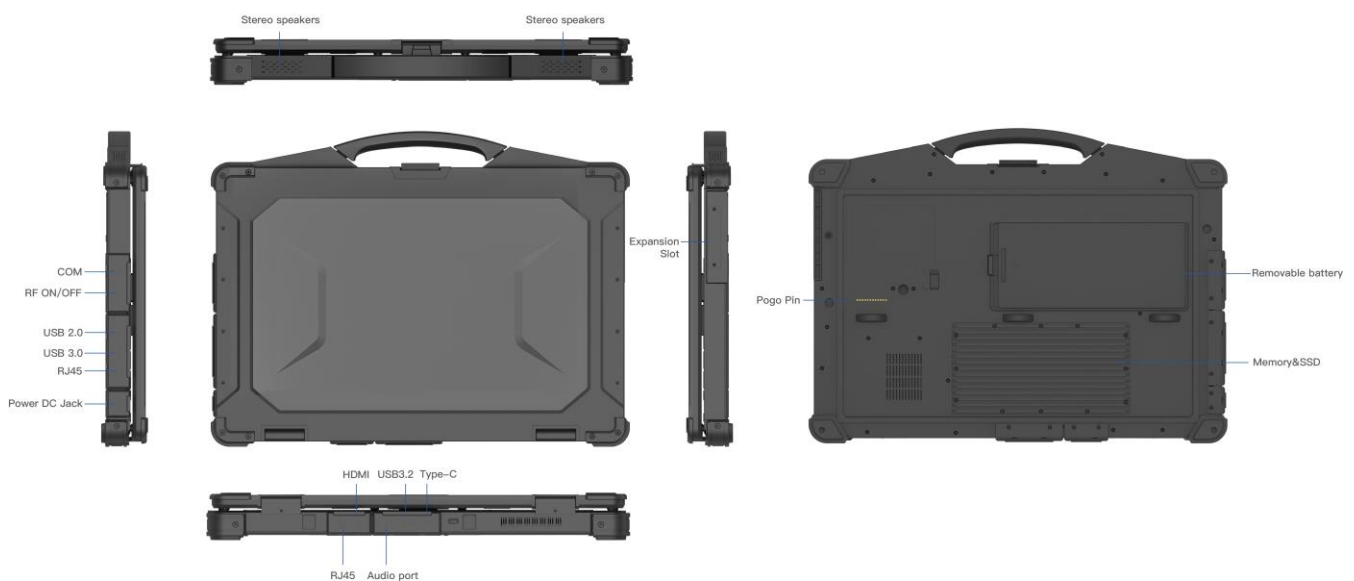## Features

- Support for Win 11/10 system
- Intel® Core™ i5-1235U/i7-1255U 12th Gen Processors
- 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

Stereo speakers   Stereo speakers

COM
RF ON/OFF
USB 2.0
USB 3.0
RJ45
Power DC Jack

Expansion Slot

Pogo Pin

Removable battery

Memory&SSD

HDMI   USB3.2   Type-C

RJ45   Audio port

All technical specifications are subjected to change without prior notice.

Specification

System	
Processor	• Intel® Core™ i7-1255U 12th Gen Processor • Optional Intel® Core™ i5-1235U 12th Gen Processor
OS Support	• Windows 11/10
Memory	• 16Gb/32GB
Storage	• 256GB/512GB
LCD	• 15.6" 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, Support thunderbolt 4 • HDMI 2.0a mini x1 • SIM x1, TF x1 • DB9 (RS232) x1, RJ45 x2 • ϕ3.5mm Standard Earphone Jack x1 • DC19V/3.78A Power port 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, PCIE 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	• 11.1V/1300mAh • Built in Li_polyment,battery loadable • 1.5hrs (Default 50% volume, 200 lumens brightness, playing 1080P HD video)
Large Battery	• 11.55V/4850mAh • Li_polyment, removeable battery • 7.5hrs (Playing 1080P HD video, Conditions: System in balance mode, 320 lumens, 70 dB at 10cm, WiFi and Bluetooth 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	• 407 x 305.8 x 45.5mm
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	• 1.22m

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

SINETIC Technologies Pte Ltd
Address: 22 Sin Ming Lane #06-76 Midview City Singapore 573969 Phone: +65-62788380 Email: info@sinetic.com Website: https://sinetic.com

All technical specifications are subjected to change without prior notice.