



Rugged Tablet ST13-U

Versatile Overall Mobile Solution

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We value your ID's

Introduction

The ST13-U rugged tablet is a powerful mobile workstation with a 13.3-inch screen, equipped with Windows 11 operating system and I5-1235U/I7-1255U processor, equipped with a large-capacity 6000mAh battery and Wi-Fi6 function, and supports external connections and expansion needs, including 2D barcode, UHF, NFC and high-precision GPS, etc. It is suitable for professional needs in various industries and is suitable for industry applications that require high-performance computing, large-screen display, and long battery life.

For information about our OEM models and services, please contact our regional sales representative.

Features

- Intel I5-1235U, 10 cores, up to 4.4GHz, Windows 11 professional
- Memory 16GB DDR4 RAM, Storage 512GB SSD
- 13.3" touch display
- IP65 sealing protection, 1.2m drop tested military grade tablet
- Low power consumption and battery life more than 4 hours
- Handy quick access button to activate specific APP
- Ergonomical shoulder strap allow long hour hands-free operation
- USB ports, power and network ports are covered with a rubber door
- 1D/2D Barcode Decoder
- Front and Rear dual cameras
- RFID(NFC) module (optional)
- Charger and Spare Battery (optional)

Specifications

System Architecture

Processor	Intel i5-1235U, 10 cores with 12 threads/ main frequency 1.3GHz, up to 4.4GHz
GPU	Intel® Iris® Xe Graphics 80EU (I5)
Operating Platform	Windows 11 Professional 64 bit
Dimensions	330*205*20mm [12.99" x 8.07" x 0.79"]
Weight	1300g±100g
Memory/Storage	16GB DDR4 RAM
Memory/ROM	512GB SSD

Media

Display	13.3 inch 1920*1200,10-point touch, support tyllus and thin glove touch
Speakers	1.5 watt*2
Dual Microphones	Voice tracking, noise & echo cancellation

Network Interface

Wired LAN	10/100/1000 Mbps-(Conforms IEEE802.3x)
Wireless LAN	802.11a/b/c/g/n 2.4G, 5G,support WIFI 6
Wireless Bluetooth	5.2
Wireless GPS	0.25-1 meter high precision GPS, support GPS, beidou, glonass optional

Module Band Frequency

(5G) NR NSA	N41/N78/N79
(5G) NR SA	N1/N28/N41/N78/N79
(4G) LTE FDD	B1/B3/B5/B8
(4G) LTE TDD	B34/B38/B39/B40/B41
(3G) WCDMA	B1/B8
(2G) GSM	

Keyboard

Layout	QWERTY distribution, English language
Touch pad	Touchpad activated on the panel screen

Scan Module

	1D/2D Barcode scanner
	RFID(NFC) 13.56 MHz (Option)

Hardware Decoding

Photo Viewer: BMP, JPG, GIF, PNG
Video Format: MPEG 1/2/4,H.263/H.264,
RMVB,WMV/VC-1,MVC,AVS,MJPEG.
Audio Format: MP3,WMA,WAV,OGG, FLAC,
ALAC,APE,AAC,AC-3

Durability

Storage Temperature	-20°C ~ 80°C
Operating Temperature	-10°C ~ 60°C
IP Protection	IP65
Drop Resistance	500 times x 1 m tumble test MIL-STD-810G method 516.6 procedure IV 48"/1.2m drop pass

Power Supply

AC Adapter	DC4.0*1.7mm, 12V 3A DC 220 – 240 Volts, 50/60Hz AC, or Type-c input battery
Battery Volume	6000mAh , 7.6V lithium battery pack
Battery Endurance	4~5 hours

I/O Ports

- DC 12V 4A ϕ 4.0mm power interface
- HDMI Type A x1, audio video output
- USB Type-A: USB3.2 Gen1 x2
- USB Type-C: USB3.2 Gen1 x1
- TF card slotx1: up to Max 256GB card
SIM card slotx1
- RJ45 Ethernet interface 10/100/1000
- Aviation socket x2: RS232& empty
interface (reserved)
- Headphone holder: ϕ 3.5mm jack x1

Note: USB ports, power and network ports
are covered with a rubber door

Button	V+, V-, Power, P, F, H
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Camera	Front:5 MP, Rear: 8 MP
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Optional Accessories

- USB cable, 2. charger,
- handstrap, 4. car charger optional,
- docking station optional

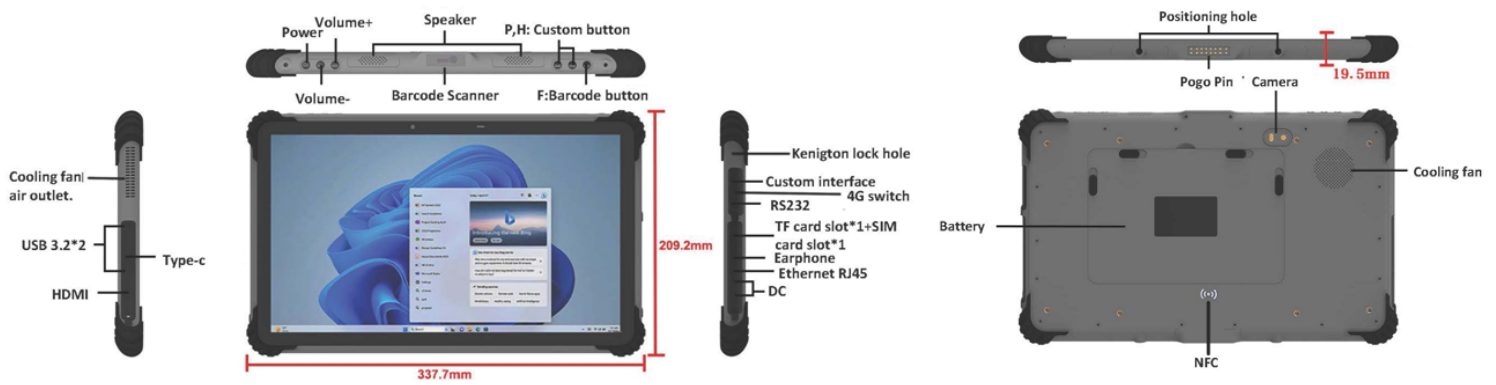
Regulatory

CE, MIL-STD 810G,
Battery: UN38.3, IEC62133, MSDS



CHAMPTEK®

Biometric Suite



Voter Biometric Management Suite

- Rugged Tablet and Lock
- IP67 Carry Case
- Signature Pad and keyboard
- Webcam
- Document Scanner
- Printer
- Fingerprint Scanner
- USB Hub
- Portable Power Station

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