

.XRT-24I51101D1/24I71101D1



11.6" Windows Rugged Tablet with Intel Core™ i Processor

Overview

The XRT-24I51101D1/XRT-24I71101D1 features an 11.6-inch touchscreen and a high-performance 12th gen Intel® Core™ i7/i5 processor, boasting a sleek and durable design. Equipped with built-in 5G, 4G, Intel® Wi-Fi 6E, and Bluetooth V5.3 high-speed wireless technologies, it can efficiently transmit data in real-time. Combined with a dual-battery design and comprehensive security protection, including smart card access and fingerprint/face recognition, the XRT-24I51101D1/XRT-24I71101D1 provides ultimate manageability for field workers. The XRT-24I51101D1/XRT-24I71101D1 has passed military-grade MIL-STD-810H standards and holds an IP66 rating, capable of withstanding water, dust, and drops, showcasing its durability in extreme conditions.

Features

- 12th gen Intel® Core™ i7/i5 processor
- 11.6" FHD (1920 x 1080), 1,000 nits sunlight-readable display with support for rain, gloves, and active pen touch
- Connectivity options include Wi-Fi 6E, 5G/4G, Bluetooth 5.3, and GNSS
- Integrated 1D/2D barcode reader, NFC, RFID, fingerprint reader
- Rich I/O interfaces including : RS-232/422/485 (optional), RJ45 Ethernet, USB, HDMI
- Enhanced security with Windows Hello authentication through and front camera
- High capacity dual hot-swappable battery design
- IP66 and MIL-STD-810H certified



Windows
10/11



Fingerprint



Barcode 2D



High
capacity

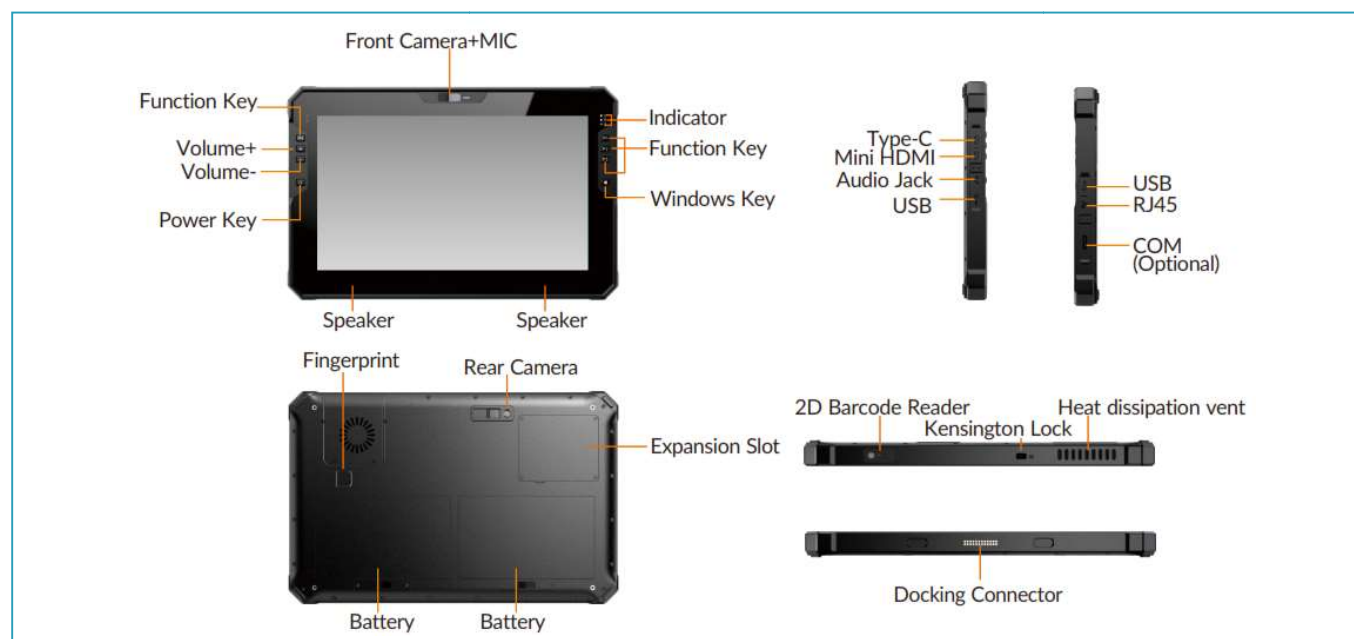


IP66



RFID

I/O Interfaces



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Specifications

DISPLAY	
Size	11.6-inch
Touch type	G+G, Capacitive touchscreen Hardness 7h
Display type	16:9 TFT IPS
Resolution	1920 x 1080
Luminance	1000 nits
Contrast ratio	1000:1
View angles	85 (left), 85 (right), 85 (up), 85 (down)
Color	16.7M
SYSTEM	
CPU	Intel® Core™ i5-1235U, 2P-Cores, 8-Cores, 12 threads, 1.3 GHz-4.4 GHz Intel® Core™ i7-1255U, 2P-Cores, 8-Cores, 12 threads, 1.7 GHz-4.7 GHz
Memory	16 GB LPDDR5 (up to 32 GB, optional)
Storage	256 GB NVMe PCIe SSD (up to 1 TB, optional)
Graphics	ARM Mail-G72
Operating System	Windows 11 Windows 10
Camera	Front : 5MP fixed focus camera (Windows Hello, optional) Rear : 12MP autofocus camera with flash
Sensor	Gyroscope, G-sensor, Light sensor
I/O PORTS	
USB	1x Type-C (supports power charging and data transfer) 2x USB 3.0 Type-A
Serial	2x COM (1x RS-232/422/485, 1x RS-232, optional)
Ethernet	1x RJ45 10/100/1000Mbps
Display	1x Mini HDMI
Audio	1x 3.5mm audio combo jack
SIM card slot	1x Nano SIM card slot
Docking connector	1x 24-Pin
AUDIO	
Speaker	8Ω/1W, dual stereo speaker
MIC	Dual microphone
COMMUNICATION	
Wi-Fi	Wi-Fi6E 802.11 (a/b/d/e/g/i/k/n/r/u/v/w/ac/ax)
Bluetooth	Bluetooth V5.3
Cellular	WCDMA : B1/B2/B4/B5/B6/B8/B19 LTE FDD : B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/ B26/B28/B66/B71 LTE-TDD : B34/B38/B39/B40/B41/B42 /B43/B48
GNSS	GPS, GLONASS, BeiDou
DATA COLLECTION (OPTIONAL)	
NFC	13.56 MHz, supports ISO/IEC 14443A /14443B /15693 /18092 /mifare Card reading distance : 2 to 5cm
RDIF	UHF RFID, supports PR9200
Barcode Reader	1D, 2D barcode reader
Fingerprint	Windows Hello

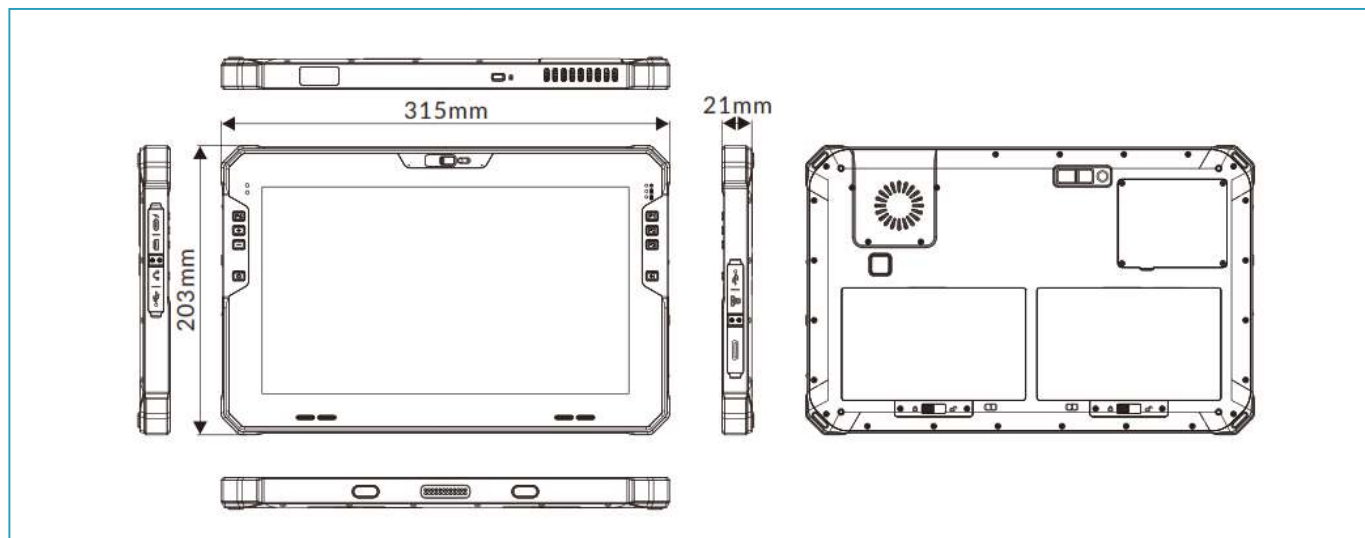
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ENVIRONMENT	
Power adapter	Input AC : 100-240V, 50-60Hz, 1.5A MAX Output DC : PD65W
Operating temperature	-20°C to 60°C (-4°F to 140°F)
Storage temperature	-30°C to 70°C (-22°F to 158°F)
Relative humidity	95% @ 40°C (104°F), non-condensing
Vibration	MIL-STD-810H : 2022 Method 514.8 Procedure I
Drop	MIL-STD-810H : 2022 Method 516.8 Procedure IV, 4 ft./1.2m
IP Rating	IP66
BATTERY	
Battery	Dual batteries, hot-swappable, 7.7V 58Whr, with battery indicator
Battery life	6 hours
MECHANICAL	
Dimensions (W x D x H mm)	315 x 203 x 20mm (12.40 x 7.99 x 0.79 inches)
Weight (kg)	1550g (3.42 lbs)
CERTIFICATION	
EMC	CE, FCC

Dimensions



Ordering Information

Ref.	Description
XRT-24I51101D1/16258/F4G/W10	11,6", 1920*1080, 1000nit, i5-1235U, 16GB+256GB, Wi-Fi, Bluetooth, 4G, GPS, 5MP+12MP, 58Wh Battery, Fingerprint
XRT-24I71101D1/16258/F4G/W10	11,6", 1920*1080, 1000nit, i7-1255U, 16GB+256GB, Wi-Fi, Bluetooth, 4G, GPS, 5MP+12MP, 58Wh Battery, Fingerprint