

.XRT-24A1002G1

10.1" Android Rugged Tablet with MTK Octa-Core Processor and support 5G

Overview

Intronix Systems rugged tablets are crafted to withstand the harshest industrial environments, providing mobile solutions that increase productivity, enhance safety, and reduce operational costs. The XRT-24A1002G1 is equipped with the Android 13 operating system and an 10.1-inch screen . It also features an integrated IPS 1000-nit screen for clear visibility and operational comfort, regardless of the weather or application. It supports high-speed 5G connection and supports your seamless communication.

Features

- MTK MT6877 Octa-Core processor
- Android 13 operating system
- Supports 1D, 2D barcode reader, NFC, RFID, Fingerprint
- Supports 5G, 4G, WLAN, BT, and GNSS
- Corning Gorilla Glass III, optional AG/AF/Wet touch/Glove
- High-capacity battery design
- IP65 and 1.2m drop resistance



Android 13



5G



Barcode 2D



High-capacity



IP65



RFID

I/O Interfaces



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Specifications

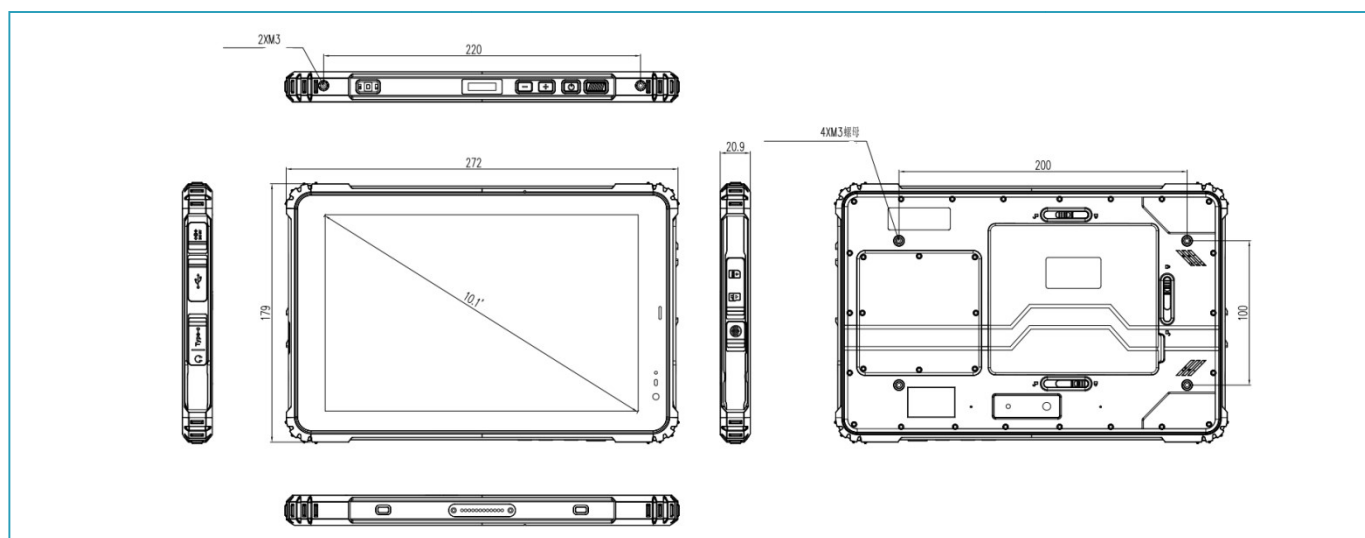
DISPLAY	
Size	10.1-inch
Touch type	G+G Capacitive multi-touch screen Gorilla glass III, Hardness 7h Optional AG+AF+Wet Touch/Glove
Resolution	800 x 1280
Luminance	1000nits
SYSTEM	
CPU	MTK MT6877 ARM Cortex-A78 Dual-Core 2.4 Ghz ARM Cortex-A55 Hexa-Core 1.7 GHz
Memory	8GB LDDR4
Storage	128GB EMMC
Graphics	ARM Mail-G68 MC4
Operating System	Android 13
Camera	Front : 8MP fixed-focus camera Rear : 20MP autofocus camera with flash
Sensor	Compass, Gyroscope, G-sensor, Light sensor, Distance sensor, Barometer
I/O PORTS	
USB	1x USB 2.0 Type A 1x USB 2.0 Type C (supports power charging and OTG)
Audio	1x 3.5mm headphone Jack
SIM card slot	1x Micro SIM card slot
TF card slot	1x TF card slot, up to 1T
Aviation plug	1x Aviation plug (optional 1x RS232/DC/LAN/USB)
Docking connector	1x 12-Pin
AUDIO	
Speaker	8Ω/1W, single speaker, IP67 waterproof
MIC	Built-in microphone, IP67 waterproof
COMMUNICATION	
Wi-Fi	Wi-Fi 802.11 (a/b/g/n/ac), dual band (2.4G + 5.0G)
Bluetooth	Bluetooth V5.0
Cellular	GSM : B2/B3/B5/B8, WCDMA : B1/B2/B5/B8 CDMA2000 : BC0 FDD : B1/B3/B5/B8/B20/B26/B28a/B28b TDD : B34/B38/B39/B40/B41 5G : N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78/N79
GNSS	GPS, GLONASS, BeiDou, Galileo
DATA COLLECTION (OPTIONAL)	
NFC	13.56 MHz, supports ISO/IEC 14443A / 14443B
RFID	LF/HF/UHF
Barcode Reader	1D, 2D barcode reader
Fingerprint	Fingerprint module
ENVIRONMENT	
Power adapter	DC : 5V 2A with charger Customizable: 5-24VDC, battery-free mode
Operating temperature	-10°C to 50°C
Storage temperature	-30°C to 70°C (excluding battery)

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Relative humidity	95% @ 40°C, non-condensing
Vibration	Meet MIL-STD-810H : 2022 Method 514.8 Procedure I
Drop	1.2m drop resistance to wooden floor
IP Rating	IP65, optional IP67
BATTERY	
Battery type	Removable lithium-ion battery, 3.8V 9800mAh
Battery life	10 hours (Play 1080P video under 100% brightness)
MECHANICAL	
Dimensions (W x D x H mm)	272 x 180 x 21mm
Weight (kg)	1093g
CERTIFICATION	
EMC	CE
PACKING LIST	
Packing	1x XRT-24A1002G1, 1x Hand-Strap, 1x Power Adapter

Dimensions



Ordering Information

Ref.	Description
XRT-24A1002G1/8128/5G/A13	10.1", 800x1280, 1000nits, MT6877, 8GB+128GB, Wi-Fi, Bluetooth, 5G, 4G, GPS, 3.8V@9800mAh Battery, Android 13