

.XRT-24A1001G1

10.1" Android Rugged Tablet with MTK Octa-Core Processor

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-24A1001G1 is equipped with the Android 13 operating system and an 8-inch screen with 1000nits brightness for clear visibility and operational comfort, regardless of the weather or application.

Features

- MTK MT6789 Octa-Core processor
- Android 13 operating system
- Supports 1D, 2D barcode reader, NFC, RFID, Fingerprint
- Supports 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



I/O Interfaces



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Specifications

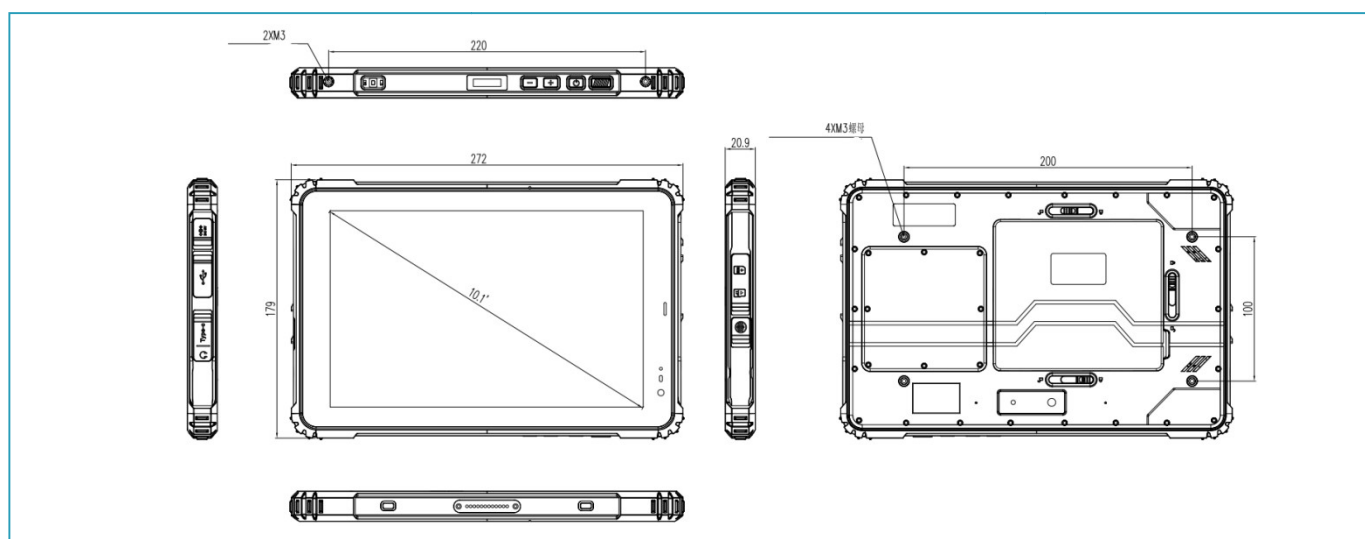
DISPLAY	
Size	10.1-inch
Touch type	G+G Capacitive multi-touch screen Gorilla glass III, Hardness 7h Optional AG+AF+Wet Touch/Glove
Resolution	800 x 1280
Luminance	1000nits
SYSTEM	
CPU	MTK MT6789 ARM Cortex-A75 Dual-Core 2.0 Ghz ARM Cortex-A55 Hexa-Core 1.7 GHz
Memory	6GB LDDR4
Storage	128GB EMMC
Graphics	ARM Mail-G57 MC2
Operating System	Android 13
Camera	Front : 8MP fixed-focus camera Rear : 13MP 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 LTE : B1/B2/B3/B4/B5/B7/B8/B12/B20/B28/B38/B39/B40/B41
GNSS	GPS L1CA/GLONASS L1OF/QZSS LQCA
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)
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

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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)	272x 180 x 21mm
Weight (kg)	1088g
CERTIFICATION	
EMC	CE
PACKING LIST	
Packing	1x XRT-24A1001G1, 1x Hand-Strap, 1x Power Adapter

Dimensions



Ordering Information

Ref.	Description
XRT-24A1001G1/6128/4G/A13	10.1", 800x1280, 1000nits, MT6789, 6GB+128GB, Wi-Fi, Bluetooth, 4G, GPS, 3.8V@9800mAh Battery, Android 13