

.XRT-23C0801

8" Windows Rugged Tablet with Intel® Celeron® 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-23C0801 is equipped with the Windows 10 or 11 operating system and an 8-inch screen supported by stylus, glove, and wet-touch modes. It also features an integrated IPS 700-nit screen for clear visibility and operational comfort, regardless of the weather or application.

Features

- Intel® Celeron® N5100 processor
- Windows 10 or 11 operating systems
- Supports 1D, 2D barcode reader, NFC, RFID, fingerprint (optional)
- Supports 4G, WLAN, BT, and GNSS
- Rich I/O interfaces including : RS-232, RJ45 Ethernet, USB, HDMI
- Removable high-capacity battery design
- IP67 and MIL-STD-810H certified



Windows
11/10



Fingerprint



Barcode 2D



10000mAh



IP67



RFID

I/O Interfaces



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Specifications

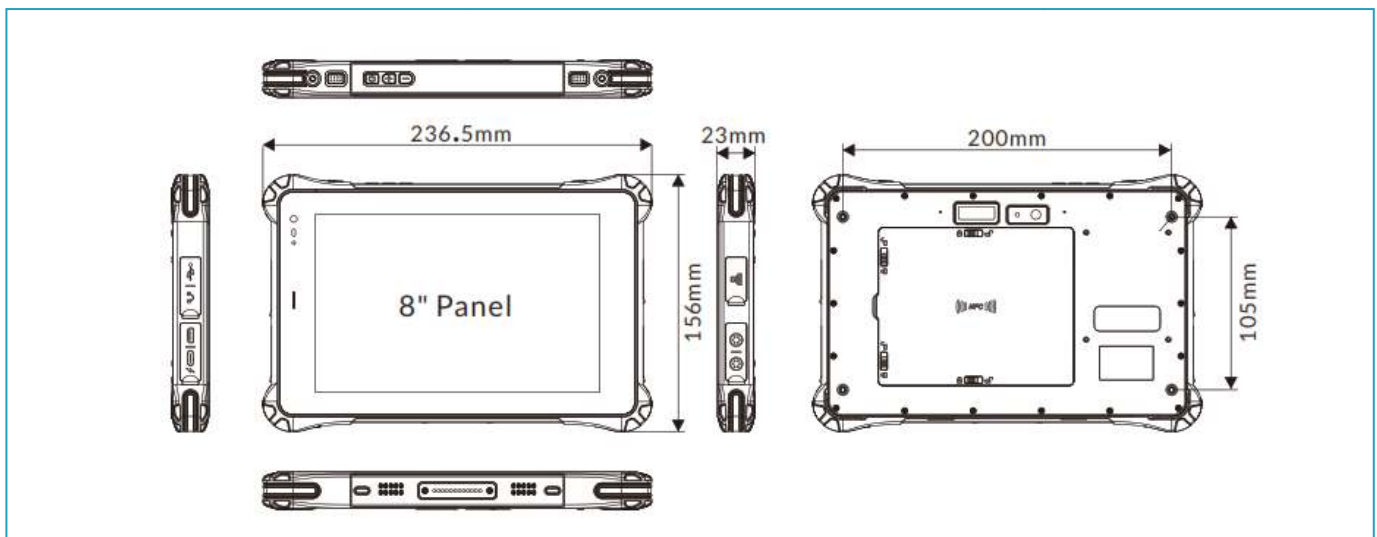
DISPLAY	
Size	8-inch
Touch type	G+G Capacitive multi-touch screen, gorilla glass, hardness 7h
Resolution	800 x 1280
Luminance	700 nits
Contrast ratio	1200:1
View angles	85 (left), 85 (right), 85 (up), 85 (down)
Color	16.7M
SYSTEM	
CPU	Intel® Celeron® N5100 (Jasper Lake), 4 MB Intel Smart Cache, up to 2.8 GHz
Memory	4GB LDDR4 (optional 8GB)
Storage	64GB SSD (optional 128GB)
Graphics	Intel® UHD Graphics Gen 11 LP
Operating System	Windows 10, Windows 11
Camera	Front : 5MP fixed-focus camera Rear : 8MP autofocus camera with flash
Sensor	G-sensor
I/O PORTS	
USB	1x USB 3.0 Type A 1x USB 2.0 Type C (supports power charging and data transfer)
Ethernet	1x RJ45 10/100/1000M
Display	1x Mini HDMI
Audio	1x 3.5mm audio combo Jack
SIM card slot	1x Micro SIM card slot
TF card slot	1x TF card slot, up to 256GB
Aviation plug	2x Aviation plug (choose two out of three from USB, RS-232 or DC-in)
Docking connector	1x 12-Pin
AUDIO	
Speaker	8Ω/1W, dual stereo speaker
MIC	Built-in microphone
COMMUNICATION	
Wi-Fi	Wi-Fi 802.11 (a/b/g/n/ac), dual band (2.4G + 5.0G)
Bluetooth	Bluetooth V4.2
Cellular	WCDMA/HSPA+ : B1/B5/B8 FDD LTE : B1/B3/B5/B7/B8/B20/B28 TDD LTE : B34/B38/B39/B40/B41
GNSS	GPS, GLONASS, BeiDou
DATA COLLECTION (optional)	
NFC	13.56 MHz, supports ISO/IEC 14443A/14443B/15693/18092/mifare
RFID	UHF RFID, supports PR9200
Barcode Reader	1D, 2D barcode reader
Fingerprint	FBI/ISO/GA Certification
ENVIRONMENT	
Power adapter	Input AC : 100-240V, 50-60Hz Output DC : PD65W
Operating temperature	-10 °C to 50 °C (14 to 122°F)
Storage temperature	-20 °C to 60 °C (-4 to 140°F)
Relative humidity	95% @ 40°C (104°F), non-condensing

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Vibration	MIL-STD-810H : 2022 Method 514.8 Procedure I
Drop	MIL-STD-810H : 2022 Method 516.8 Procedure IV, 4ft
IP Rating	IP67
BATTERY	
Battery Type	Removable lithium-ion polymer battery, 7.6V 5000mAh
Battery life	6 hours
MECHANICAL	
Dimensions (W x D x H mm)	236.5 x 156 x 23mm (9.31 x 6.14 x 0.91 inches)
Weight (kg)	900g (1.98lbs)
CeRTIFICATION	
EMC	CE, FCC
PACKING LIST	
Packing	1x XRT-23C0801, 1x Battery, 1x Hand-Strap, 1x Power adapter

Dimensions



Ordering Information

Ref.	Description
XRT-23C0801/464/4G/W10	800 x 1280, 700nit, N5100, 4GB + 64GB, Wi-Fi, Bluetooth, 4G, GPS, 7.6V 5000mAh Battery
XRT-23C0801/464/4G2D/W10	800 x 1280, 700nit, N5100, 4GB + 64GB, Wi-Fi, Bluetooth, 4G, GPS, 7.6V 5000mAh Battery, 2D Barcode
XRT-23C0801/8128/4G/W10	800 x 1280, 700nit, N5100, 8GB + 128GB, Wi-Fi, Bluetooth, 4G, GPS, 7.6V 5000mAh Battery
XRT-23C0801/8128/4G2D/W10	800 x 1280, 700nit, N5100, 8GB + 128GB, Wi-Fi, Bluetooth, 4G, GPS, 7.6V 5000mAh Battery, 2D Barcode