

iRUGGY

Rugged Mobile Tablet



Optimal configuration through modular approach

The **iRUGGY** modular design has been developed to optimise functionalities and mobility in your specific POS and Retail application environment. A unique approach to multi-configurability, this new tablet features 3 universal module bays to support a growing selection of mix-and-match expansion modular features.

Ensuring quick response and precision under different conditions, the iRUGGY offers multi-touch technology allowing the user to quickly toggle between touch modes, auto sensing to detect and adjust automatically for stylus or palm interference.

In addition to Wi-Fi and Bluetooth, the iRUGGY offers optional support for LTE data communication and dedicated GPS. Its large range of user-accessible I/O includes video, audio and USB and is expandable further through multiple docking options.

Extended battery life, multiple charging options and a hot swappable battery design mean uninterrupted availability to keep your operations in constant motion.

The iRUGGY tablet was developed for durability with IP65 rated protection against liquid and dust ingress and impact resistance to survive the 1.2 meter (4 feet) drop MIL-STD-810G specification.



iRUGGY

Rugged mobile tablet

16/9 multi touch 10.1" screen

Fanless system

Multiple Connect options: WIFI, Bluetooth, NFC, LTE, GPS...

Optional docking station

Built-in video camera

Mix-and-match function expansion modules



MODEL IRUGGY

Processor	Intel Quad-Core Cherry Trail Z8700 2.4 GHz
System memory (RAM)	4 GB
Storage	64 GB
Open Micro SD	1 expansion slot

TOUCHSCREEN

LCD	10.1"
Resolution	1920 x 1200
Technology	Multi-touch PCAP

EXPANSION I/O PORTS

USB 2.0	
Micro HDMI	
Micro USB (supports OTG)	
Additional peripheral I/O available through optional POS Docking Station	

WIRELESS CONNECTION

WIFI	802.11 ac
Bluetooth	4.0 + LE, classe 2
NFC	contactless card reader
Cellular network	3G data and dedicated GPS (option) LTE data and dedicated GPS (option)

PERIPHERALS & ACCESSORIES

Built-in camera	8MP (autofocus rear camera with LED flash) + 2 MP (front)
Audio	1W stereo speakers / Audio out / Microphone
ADD-f(x) modules (option)	1D/2D optical barcode scanner / Fingerprint readers / LF, HF, UHF RFID readers / Smart card reader (EMV Level 1 and 2 certified) and 3 track encrypted MSR / Rear mounting bracket for mPOS devices / LAN and COM I/O module
Battery and power consumption	8000 mAh / 3.7 V / hotswap battery (option) / up to 8h battery life / DC-in, with external AC adapter (Output 5V DV, 4A, Input 100-240VAC, 50/60Hz) for charging
Optional accessories	POS docking station (1 x LAN, 3 x USB, 1 x COM), VESA charging mount, Vehicle charging mount, 2mm precision tip stylus, 3 bay battery Charger

ENVIRONMENT

Protection	IP 65 rated protection from liquid and dust ingress
Drop resistance	drop resistant up to height of 1.20 m (MIL-STD-810G)
Operating temperature	-10°C ~50°C (14°F ~ 122°F); max. 35°C (95°F) when charging battery
Storage temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Humidity	90% RH non-condensing
Dimensions (W x H x D)	277 x 185 x 20 mm (10.9" x 7.3" x 0.78")
Weight with battery	997g (2.19 lbs)
Colour	black
OS	Windows® 10 IoT Enterprise for tablets, Android 7.0

Specifications are subject to change without notice - © AURES 2019