Article-No.: 140713

Pokini Tab A10B

Atom x7-A3950, 4GB, 64GB, Dig, LTE, GPS, W10 IoT

Robust - fanless - splash-proof

The device can withstand falls from a height of 1 m with an optional protective frame even from a height of 1.8 m. The shock, water and dust proof (IP65) housing allows the use in trade, construction, military and other demanding environments without the use of an additional protective frame.

With the new Microsoft Windows 10, seamless collaboration with the workplace is possible. There are no software compatibility problems! All native desktop applications as they are used on a Windows notebook or desktop PC also run on this tablet. In addition, it enables easy integration into the existing IT infrastructure thanks to the familiar Microsoft security solutions.

The fully charged battery lasts up to 14 hours (WiFi, video playback and mobile data network activated) and supports you for an entire working day. The battery compartment can be opened without accessories to insert a new battery if necessary.

Highlights

• Glove operation possible

• display easy to read even in sunlight (600 cd/m²)

• IP65 (protected against dirt and splash water)

• fall-proof from a height of 1 meter

Technical data

System

Manufacturer	Pokini

Processor

	Intel®
Name	Atom™
Type	x7-A3950
Number of Cores	4
Number of Threads	4
Clock Speed	1,60 GHz
max. Clock Speed with Intel® Burst-Frequency-Technic	2,00 GHz
L2 Cache	2048 KB
Bit-Rate	64
max. TDP	12 Watt
GPU	Intel® HD Graphics 505

Operating system

Version	Windows® 10 IoT

Display

Display	10.1" (25.65 cm)
Display Type	IPS Sunlight Readable Outdoor Display
Resolution	2,560 x 1,600 pixels
Brightness	600 cd/m²
Contrast	800:1
Display-Protection-Glass	Corning® Gorilla® glass 3
Touchscreen	capacitive
Touch-Device	Multi-Touch (10 fingers)
Pen Control	yes (passive)

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Finger Control	yes (in dry and wet environments)
Glove Control	yes (in dry and wet environments)
Tip	max. material thickness 2 mm (depending on type of glove)

Main storage

Technology	LP-DDR4-SDRAM
Form Factor	LP
Quantity	1 x
Size	4 GB
max. Size	8 GB

Hard disk

Type	eMMC v5.0
Memory Capacity	64 GB
max. Size	256 GB

Communicating

WLAN	IEEE 802.11 a/b/g/n/ac/r/k/v
frequency band	2.4 Ghz / 5 Ghz

WiFi usage

WWAN	LTE
GPS	yes
GPS Signal	GPS + GLONASS + Galileo
GPS Channels	48
Bluetooth	4.2
Class	2

Reader

Barcode Reader	optional (via BCE (Back-Cover-Extension))
RFID Reader	NFC
Frequency Range	13,56 MHz
Read	yes

Audio

Speaker	yes
Microphone	yes

Ports

USB 3.0 Type-C™	1 x
Docking Port	1 x

Card slots

Card Reader	microSDXC (up to 2 TB), SmartCard (optional via back cover extension)

Camera

Camera Front	2.0 megapixels

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Autofocus	no
Fixfocus	yes
Lighting	no
Flash	no
Barcode-capable	no
Camera Rear	8.0 megapixels
Autofocus	yes
Fixfocus	no
Lighting	no
Flash	yes
Barcode-capable	yes

Certifications

Tested Vertical Drop	1,2 m
Protection Class	IP 65
Disinfectable	yes
permissible liquid	Clorox, Diversey, Ethanol, Isopropyl, Olive Oil, Vaseline, Nivea Smooth Care Hand Creme

Collateral

Trusted Platform Modul	yes
Kensington Lock	yes

Keys

Power-Button	1
Volume Buttons	2

Detectors

Accelerometer (G-Sensor)	yes
eCompass	yes
Gyrometer	yes
Light Sensor	yes
Proximity Sensor	yes

Ambient conditions

Operating Temperature	20°C to 50°C
Storage Temperature	-20°C to 60°C
Operating Humidity	10% to 90% (non-condensing)
Storage Humidity	10% to 90% (non-condensing)

Power supply

Battery Type	lithium polymer
Quantity	1 x
Capacity	approx. 4.900 mAh
Battery Runtime up to	14 Hours

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Battery life Note	Manufacturer specifications (The actual runtime depends on your hardware and software configuration)
Battery Charge Time (per battery)	3,5 Hours
Exchangeable	yes
Hot-Swap	no
Warm-Swap	yes
Performance	10 Watt
Voltage Switching	100 - 240 V AC
Power Supply	15 Watt, external input: 100-240V AC / 50-60Hz, 0.5A Output: 5V DC / 3A

Shell

Chassis	Non-painted chemically durable plastic
Form of Structure	Slate
Weight	765 g
Colour	black

Measurements

Width	269 mm
Height	180,7 mm
Depth	12,7 mm

Scope of supply

Package Contents	Tablet-PC and power supply
Manual	https://os.extracomputer.de/b10256/devpokini/wp-content/uploads/2022/04/Pokini-Tab_A8B_A10B_QSG_EN.pdf

Lifespan

lifespan	until at least 2025

Service

Warranty	1 year bring-in
Warranty Battery	1 year
Optional Service	exteded service (up to 5 years)

Certifications

Quality	EXTRA Computer has a quality management system which is certified according to DIN ISO 9001