Rugged Mobile Computer
Savio.Droid

The Power Behind Your Rugged Mobile Computing

Applications
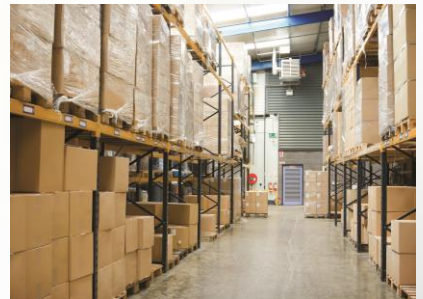
RUGGED, **LIGHT, BIG SCREEN**, **STYLISH**, **ALL DAY OPERATIONS**, seems to be a group of features that cannot be comprised themselves into a single package. Until now, we have answered your requests with Savio.Droid. It is just 305g (with 2880mAh battery), long battery life (10+ hours operation[1]), big screen (3.5" diagonal), high resolutions (HVGA resolution) and yet comfortably to hold.

The Savio.Droid mobile computer is a neat package that packs with functions your customers needed in major industries, namely retail, warehouse tracking, logistic and field services. It is rugged (IP66 and 1.5 meters drop to concrete), fully connected (Bluetooth, Wi-Fi b/g/n, optional WWAN) and has various options that you can customize for your customers' needs.

Retail

Warehouse tracking

Logistic

Field Services

Durable

1.5m drops

Reinforced polycarbonate structure
withstands 1.5m drops on concrete
multiple times across wide range of
temperature.

IP66 water sealing

Rubber sealing prevents the ingress
of dust and water to meet IP66
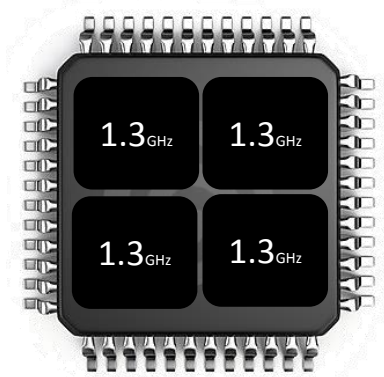standard.

Anti-slip texture

Provides you a better surface grip and
reduces the risk of dropping device due
to various outdoor working
environments.

Strong and light

Titanium aluminum alloy middle frame
to provide the strongest and lightest
backbone to the electronic components
in order to achieve high drop resistance.

Performance.

Quad-core 1.3GHz CPU

Keep your most computational demanding applications running smooth

Multiple scan engines

Pick either laser, CCD or 2D image scan engine to best suite for your applications.

Big color display

3.5" color HVGA (320 x 480) TFT and yet comfortably grabbed by users in perfect balance.

Long battery life

Under room temperature and normal usage, Savio.Droid can operate 10+ hours. It is perfect to industries requiring 8 hours shift.

10+ hrs

Connect

3.5G Capabilities (Optional)

Faster upload and download capability and yet consumes less battery power than 4G LTE.

Industrial grade Wi-Fi range

300 meters line of sight WiFi connectivity (at bit rate 1M bit / sec)

300 meters

Integrated GPS

The GPS feature enables your customers' applications to be location sensitive.

Managed. Flexibility. Ergonomic.

User / Admin mode

Tools to allow your IT management to control virtual button access such as Home, Back, Menu as well as limited USB access in Savio.Droid.

Multiple battery charging ports

End user can charge the battery with either standard Micro-USB port built in the device or through cradle.

Modularized keypad design

The keypad and the keypad enclosure is modularized so that it can be customized according to your customers' needs.

Comfortable and stylish

The size of Savio.Droid is carefully designed so that it can be operated by one hand and yet its curvy back make it comfortable to hold.

Savio.Droid Specifications

Data Capture

Barcode scanning:	1D CCD scan engine 1D laser scan engine 2D imager scan engine

Wireless WAN Data (Optional)

Radio:	HSDPA / UTMS / EDGE / GPRS
Frequency Band:	HSDPA / UTMS (900 / 2100 MHz) EDGE / GPRS (850 / 900 / 1800 / 1900 MHz)
GPS:	GPS/QZSS/SBAS (WAAS/MSAS/EGNOS/GAGAN)

Wireless PAN Data

Bluetooth:	Class II EDR 2.0; internal antenna

Wireless LAN Data

Radio:	IEEE 802.11 b/g/n (2.4GHz)
Data Rates:	1,2,5.5,6,9,11,12,18,24,36,48, 54Mbps
Channels:	Channels 1-13 (2412-2472 MHz)
Security:	WEP (40 or 128 bit), TKIP, AES, WPA2-PSK, WPA-PSK, WPA2 (EAP-TLS, EAP-PEAP)
Antenna:	Internal

Physical

Dimensions:	198 mm(L) x 75 mm(W) x 19.5 mm(D) (min) 27.8mm (D) (max)
Weight:	Standard battery: 305g
Display:	3.5 inch HVGA (320x480) TFT display with backlight
Touch Panel:	Tempered glass resistive touch
Backlight:	LED backlight
Battery:	Rechargeable Lithium 3.7 V, 2880mAh
Expansion:	MicroSD slot (MicroSDHC support)
Connectivity:	High speed USB
Warning:	Vibrate and LED
Audio:	Speaker

Performance

CPU:	Cortex 1.3 GHz quad –core processor
OS:	Android 4.2.1
Memory:	1GB RAM, 4GB Flash
Interface:	USB 2.0 Client

Accessories

Stylus	Power Adapter	Holster

Hand strap

2880mAh Lithium Polymer Battery

User Environment

Operating:	-10°C to 50°C
Storage:	-20°C to 60°C (w/o battery)
Humidity:	90% non-condensing
Drop Spec:	1.5 meters drop multiple times on concrete
Sealing:	IP 66
Clock:	Integrated real time clock
ESD :	±15 kV (air discharge), ±8 kV (direct discharge)

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