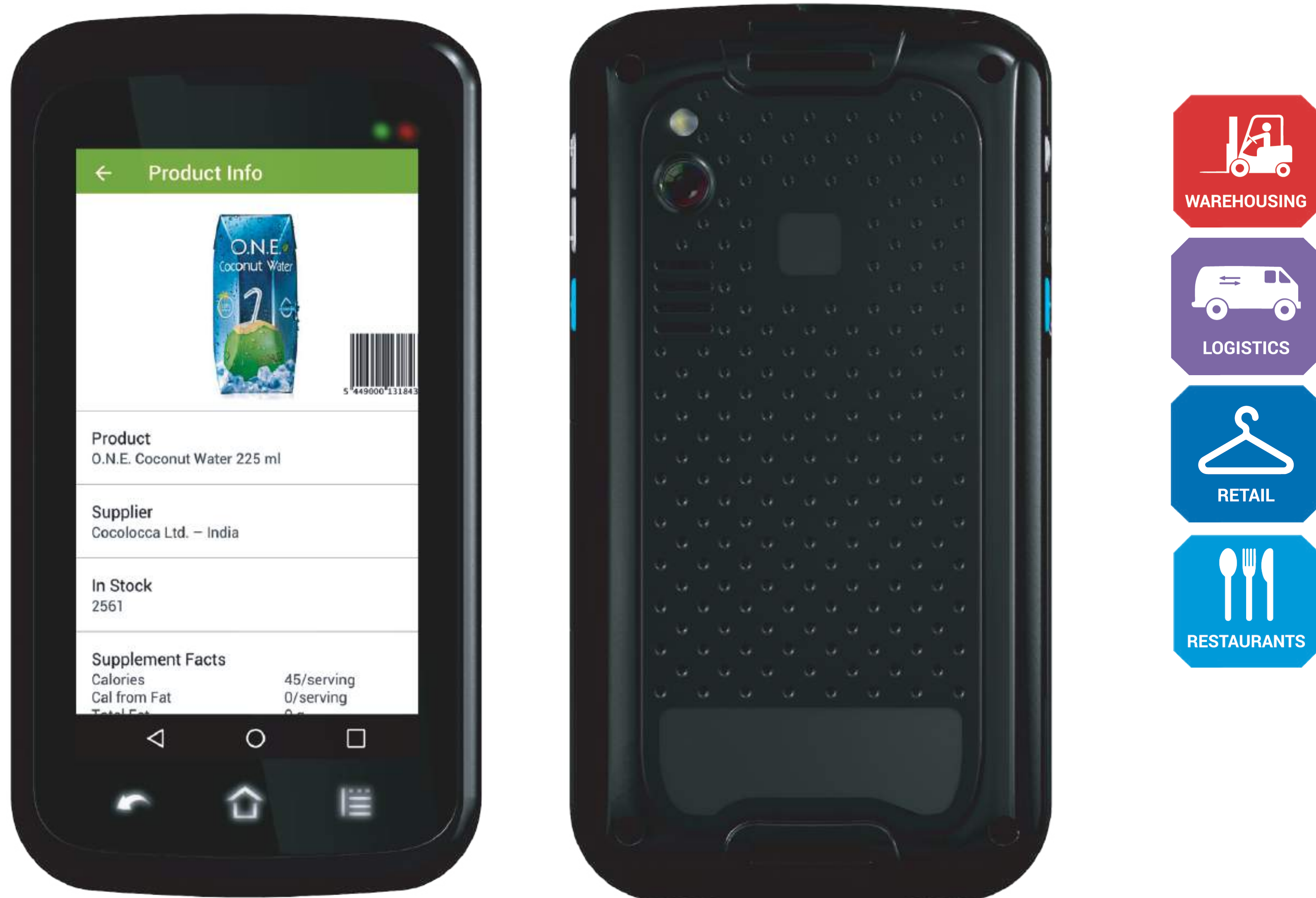


(TURBONET)



ASKEY-TN451A1

TurboFon E1+

The TurboFon E1+ is Askey's new Android LTE enterprise smartphone designed for today's demanding business environment. The combination of full functionality and style, it is the ideal device to work efficiently and provide your customers with the best service.

Thanks to its support of LTE it allows fast data connections.

Enjoy additional performance for demanding applications and use cases with the Hexa-Core.

With its integrated hardware coding 1D/2D barcode scanner, it is perfect for all logistics, warehousing and retail applications.

As easy to use as a private Smartphone, this is a rugged, durable device that will withstand intensive use and rough conditions and complies with the the highest IP65 rating.

Also, the TurboFon E1+ has a reserved area at its back for integrating any customised RFID/NFC solution required by the customer. Light, powerful and ideal for field inventory and asset tracking, the UHF RFID module enables fast RFID tag reading and far-field applications with a read range of up to 1m.

Optional accessories include a desktop docking station and a battery cartridge for an enhanced user experience. It also supports a wireless charger.

Built to perform, the TurboFon E1+ is the ultimate enterprise mobile device.

Android™ Oreo 8.1 | LTE | Dual-band WiFi | 4.5" display

OS and Processor

- Android™ Nougat7.0 / Android™ Oreo 8.1
- Qualcomm MSM8956
- Dual core processor @1.8GHz
- Quad core process @1.4G

Wireless

- WLAN 802.11 a/b/g/n/ac @5GHz & 2.4GHz
- NFC (Optional)
- RFID (Optional)
- Frequency Range per module type:
 - EU: 865~869MHz
 - US: 902~928MHz
 - TW: 922~928MHz
- Support Tag compliant to ISO 18000-6C, EPC Class 1 Gen2
- Read Range: 0.8M to 1M (subject to operation conditions)
- Circular Type

WAN

- LTE B1(2100), B3(1800), B5 (850), B7(2600), B8(900), B20(800), B28(700),
- UMTS: B1(2100), B2(1900), B5(850),B8(900) /HSDPA/HSPA/HSPA+ support
- GSM Quad Band 850/900/1800/1900MHz

Display

- 4.5"HD Screen (1280*720)

Memory

- 2GB LPDDR3 SDRAM

Internal Storage

- 16GB eMMC Flash

Camera

- 13MP Rear Auto Focus Camera
- F/NO 2.2
- 10cm Macro Capture Support
- 1080P Video Capture and Output Support

Sensors

- 3-axis accelerometer
- Proximity sensor
- Ambient light sensor
- Magnetometer
- Gyroscope
- GPS

Audio

- 1x Speaker
- 1x Receiver
- 1x Microphone

I/O Interfaces

- 2D S/W decoded laser barcode scanner
- 1x Micro USB B type
- 1x Micro SD Card Slot
- 1x Nano SIM Card Slot
- 3x Programmable Key
- 1x Custom Leaf Spring Connector

Battery

- 3300 mAH Battery (non-removable)
- Support Fast Charging (The adaptor should be purchased separately)

Dimensions

- L 149.8 x W 80.2 x T 30.6 mm
- Weight: 345g

Operating Environment

- Operating Temperature:
 - 0°C~+45°C in charging mode
 - 20°C~+60°C in discharging mode
- Storage Temperature: -20°C~+60°C
- Humidity: 5 to 85% non-condensing

ESD

- Air ±13KV
- Contact ±4KV

Certifications

- CE, CB, UN38.3, NCC

Drop Protection

- 1.5M drop on plywood, 6 drops

Ingress Protection Rating

- IP65

Compatible Accessory

- Single docking station/ 4-slot charging cradle
- Optional battery cartage



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