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oona 8 - New age of contactless checkout

The oona checkout tablets offer an intuitive payment process directly on the screen, thanks to integrated contactless payment technology. oona is the standard for professional checkout devices and mobility in every environment.

High-Performance front-facing NFC-Antenne

Frictionless, convenient and intuitive payment processes are the future of contactless payment. With oona directly on the screen.

Enterprise durability and ruggedization

oona's rugged professional devices enable round-the-clock use. They are waterproof and dustproof and can be operated in a wide temperature range. oona tablets are drop-resistant up to 1.2 m (up to 1.8 m with optional rugged frame).

Enormous number of possible use cases

oona tablets are suitable for various applications: Outdoor Drive In, supporting order taking and payments, POS counters, optional barcode scanners and many more.

Specifications

oona 8 Android	
LU08WLAA3A6XX	
Payment NFC	Front facing NFC antenna behind Display Optimized for payment processing Supporting EMV and other payment cards like transit cards (Felica, MiFare) Partners SoftPOS application – PCI approved connected to payment gateways
Display	8.4" | 1600 x 2560 px | 800 cd/m^2
Touch	Multi-touch Passive stylus support (2mm tip) & glove support (support of cotton gloves) Improved usage in wet environments (rain & outdoor)
Platform	Qualcomm® Snapdragon™ 660 Octa Core Processor 2.2GHz
Operating system	Android 12 with GMS, Future releases TBC. Regular security and maintenance updates guaranteeing safety of payment processing
Memory	RAM: 3GB LPDDR4 Storage: 32GB eMMC (64GB /128GB / 256GB optional) µSDXC Card Slot, accessible by end user
Communication	WLAN IEEE 802.11 ac+r/k/v WiFi, WiDi, BT5.0, BLE GPS/GLONASS/Beidou/Galileo
Cameras/Scanning	Front 2MP | Main 8MP Eagle Scan application enabling professional scanning via main camera
Interfaces	USB-C, USB 3.1 Gen 1, PD (12V/3A) and DP 1.4 (for fast charging & debugging) Docking connector: USB 3.1 Gen 1, HDMI 1.4b, fast charging µSD card slot in battery compartment SmartBack Connector for easy USB accessory integration
Sensors	E-compass, accelerometer, gyro, ambient light sensor
Mechanics	IP65 (dust- and waterproof) Drop resistance from 1 m on concrete and 1.22 m on plywood with optional scanner frame: up to 1.5 m on plywood with optional rugged frame: up to 1.8 m on concrete Replaceable battery by qualified person Kensington Lock feature
Battery	Battery up to 10 hrs: 25 Wh (3.8V, 6.600 mAh)
Cleaning Agents and Chemical Resistance	Clorox -Dispatch with Bleach (wipes) Clorox Healthcare Bleach Germicidal Wipes Diversey -Dimension 256 Neutral Disinfectant Cleaner (liquid) Ethanol & Isopropyl (liquid, 70% solution) PDI Sani-Hands & PDI Super Sani Cloth Germicidal Wipes Olive Oil Vaseline Nivea Smooth Care Hand Cream
Dimensions	227.83 x 150.04 x 12.65 mm
Weight	Approx. 540 g
Operating conditions	Temp: -20°C – +50°C | Humidity: 10% - 90% ESD rating 15kV Air Discharge
Storage conditions	Temp: -20°C – +60°C
Availability	Available until 2025
Warranty	1 year standard warranty Optional: 3 years warranty contracts

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Accessories

SmartBacks

Datecs BlueLite (ACPSB8020C00)
Including certified SPOC solution with PIN entry on tablet
screen

Ingenico Moby5500
Including certified SPOC solution with PIN entry on tablet
screen

MSR Smart Back (IN02050027)
Integrated MSR for payment transaction support with encrypted head

Non-encrypted variant suitable for magnetic card reading – e.g. loyalty
cards, identification cards etc.

Ingenico Link 2500i Smart Back (ACPSB8010C00)
Easy combination with Ingenico Link 2500i payment terminal

Verifone e285 Smart Back (ACPSB8020C00)
Easy combination with Verifone e285 payment terminal

Other payment terminal smartbacks available on request.

Hand & Shoulder strap

Hand strap (IN02040013)
Shoulder strap (IN02040014)
Attachable in screw towers below the corner stickers
Hand balm makes holding more comfortable
Shoulder strap can be used in combination with the hand strap (adjustable length)

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Accessories

oona Rugged Frame

(IN02040036)
- Increases drop resistance from 1m to 1.8 m
- Usage in harsh outdoor environment
- Compatible with SmartBack accessories

oona Scanner Frame

(ACSF0801HA00)
- Compact & ergonomic design
- Professional Scanner
- Enhanced ruggedness (drop resistance & IP65)
- Compatible with SmartBack accessories

Charging station

1 bay modular charger
(US Version: ACSTND05EA00)
(EU Version: ACSTND05DA00)
- For charging only
- Enables quick-charging
- Kensington Lock feature

5 bay modular charger
US Version: ACSTND05GA00

Full docking station

(US Version: IN0201360US)
(EU Version: IN0201360EU)
- Enables quick-charging
- Kensington Lock feature
- Minimized counter space
- Interfaces:
    - 3x USB 3.0
    - 1x HDMI
    - 1x LAN (RJ45)

Version for tablet with scanner frame available
(US Version: IN0201370US)
(EU Version: IN0201370EU)

Tablet compatible with various other docking stations

Passive stylus

(IN02040084)
4mm thin passive pen

Spare battery (for oona 8)

(AMME4387)
Exchangeable battery for maximum operating time

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