

oona 8



The 8" Android™ powered oona 8 tablet from Aava Mobile is the ideal tablet for your stock taking or order system combining enterprise durability and ruggedization with an attractive slim design. With its front-facing NFC antenna, e.g. payments can be easily processed by simply holding your credit or debit cards on the screen or an easy way für security purposes. Thanks to the various accessories and SmartBack options, it can be easily adapted to your use case in the retail, logistics and hospitality industry.

KEY FEATURES

- High-Performance front-facing NFC antenna optimized for EMV payment
- GMS Android with security updates
- Enterprise durability and ruggedization
- Longevity



SPECIFICATIONS



oona 8	
Payment NFC	Front facing NFC antenna behind Display Optimized for payment processing Supporting EMV and other NFC protocols (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 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 SAM Card Reader à SAM (optional) 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
Leasing model	HW and SW subscription in one convenient monthly fee

ACCESSORIES



SmartBacks

Datecs BlueLite

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:

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

Easy combination with Ingenico Link 2500i payment terminal



Verifone e285 Smart Back

Easy combination with Verifone e285 payment terminal

Other payment terminal smartbacks available on request.



Hand & shoulder strap

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)



Holster

Length: approx. 40 cm

Can be used with and without tablet frame

ACCESSORIES



Aava Rugged Frame

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



Aava Scanner Frame

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



Charging station

- For charging only
- Enables quick-charging
- Kensington Lock feature



Full docking station

- 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

Tablet compatible with various other docking stations



Passive stylus

4mm thin tip passive pen



Spare battery

Exchangeable battery for maximum operating time

Contact us:

Finland, Headquarters

Aava Mobile Oy
Nahkatehtaankatu 2
90130 Oulu, Finland

Tel.: +358 8 373 800

Fax: +358 8 373 811

E-Mail: info.fi@aavamobile.com

Sales Office: Europe & APAC

Aava Mobile GmbH
Harksheider Str. 3
22399 Hamburg, Germany

Tel.: +49 40 6979 5939

Fax: +49 40 6979 5947

E-Mail: info.de@aavamobile.com

Sales Office: North America

Aava Mobile US, LLC
84 Peachtree St., NW
Atlanta, GA 30303, USA

Tel.: +1 800 656 3470

E-Mail: info.na@aavamobile.com



For more information visit: www-oona-solution.com

