iMin

Falcon 2
Tablet POS

With a variety of cases and docks to provide different functions, the Falcon 2 is a highly flexible tablet POS device. Accompanied by a powerful processor for complex transactions, be rest assured that the Falcon 2 can overcome any business environment and excel at every task.

American Good Design GOLD 2024 AWARD

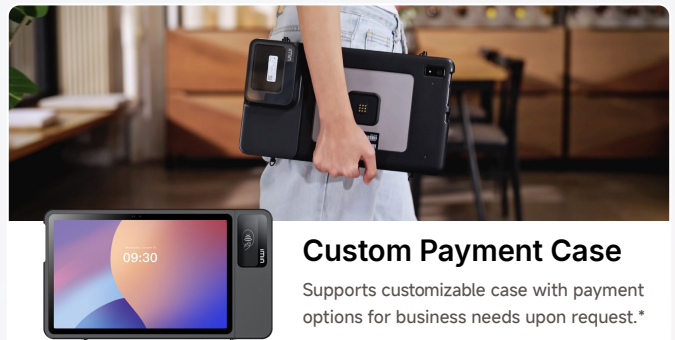iF DESIGN AWARD 2025

reddot winner 2025

Compatible with a range of casing

Falcon 2 is designed to seamlessly integrate with a variety of case variations well suited for different types of settings.

Protective Case
Provides strong protection to excel in harsh environments.

Custom Payment Case
Supports customizable case with payment options for business needs upon request.*

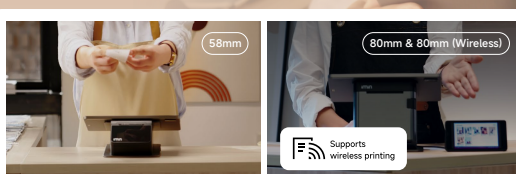* iMin does not offer financial modules. We only sell the casing designed to house them.

Magnetic dock design

Falcon 2 is integrated with a magnetic dock design so that it can easily attach onto different docks to give a completely different experience.
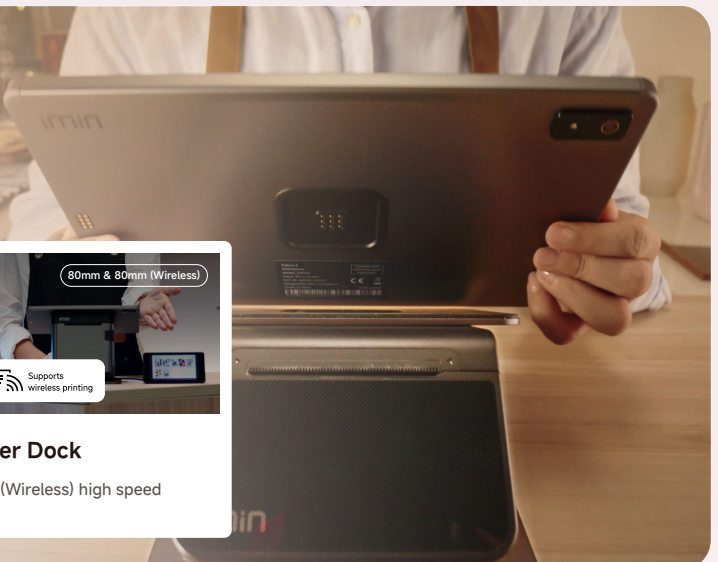
Basic Dock
A basic dock for reliable docking.

58mm

80mm & 80mm (Wireless)

Supports wireless printing

High-Speed Thermal Printer Dock
Equipped with 58mm/80mm/80mm (Wireless) high speed thermal printer.

A comprehensive range of features for any business

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Falcon 2 anticipates all possible needs that business operations may require, and offers an extensive range of features to thrive in different business environments.

5-inch Secondary Display
Supports customer display and signing.

10.95" Display that has 8000mAh Large Battery
10.95" tablet that has extended battery life to support daily tasks all day long.

Fingerprint Unlock
Easy and greater accessibility for seamless operations. Available for LTE version.

Built-in NFC module
Facilitates convenient, quick contactless payments to speed up the checkout process.

Specification

Processor	Octa core (Dual-core Arm Cortex-A76 2.2GHz Hexa-core Arm Cortex-A55 2.0GHz)	**Display**	10.95", 1920 x 1200 Multi-point Capacitive Touch Panel
Memory	4GB RAM + 64GB ROM 8GB RAM + 128GB ROM	**Operating System**	Android 13, 64bit
Connectivity	Wireless: Wi-Fi 5, 802.11 a/b/g/n/ac (2.4GHz/5GHz) Bluetooth 5.2, 2G/3G/4G LTE (Optional), GPS, NFC	**Camera**	2 MP front camera, 13 MP rear camera
Speaker	1W Dual	**Battery**	Capacity: 3.8V / 8000mAh / 30.4Wh
Environment	Operating temperature: –10 ~ 50°C Storage temperature: –20 ~ 60°C	**Certification***	Google GMS FCC CE IMDA WEEE
Dimensions	257.2 x 168.8 x 9mm	**Weight**	560g
Button	Power key, Vol+/Vol- key	**Accessory***	Falcon 2 Case, Falcon 2 Payment Case, Secondary Display 5-inch Basic Dock, 58mm Printer Dock, 80mm Printer Dock 80mm (Wireless) Printer Dock

Printing	58mm Printer Dock 58mm width & 50mm diameter paper roll, up to 100mm/s	80mm Printer Dock 58mm/80mm width & 80mm diameter paper roll, with automatic cutter, up to 250mm/s		80mm (Wireless) Printer Dock 58mm/80mm width & 80mm diameter paper roll, with automatic cutter, up to 250mm/s

Power Adapter	Falcon 2 Input: 100 ~ 240V Output: 9V / 2.22A Fast Charging PD20W	Basic Dock Input: 100 ~ 240V Output: 12V / 1.6A	58mm Printer Dock Input: 100 ~ 240V Output: 24V / 2.5A	80mm Printer Dock Input: 100 ~ 240V Output: 24V / 2.5A	80mm (Wireless) Printer Dock Input: 100 ~ 240V Output: 24V / 2.5A

Peripheral Ports	Falcon 2 USB Type-C (support OTG) x 1 TF Card (up to 1TB) x 1 Nano SIM x 1, eSIM (optional) Pogo pin (9 pin) Pogo pin (8 pin)	Basic Dock USB Type-C x 1 (Charging only) USB Type-A x 2 Pogo pin (9 pin)	58mm Printer Dock DC Jack x 1 USB Type-A x 2 RJ12 x 1, RJ45 x 1 Pogo pin (9 pin)	80mm Printer Dock DC Jack x 1 USB Type-A x 2 RJ12 x 1, RJ45 x 1 Pogo pin (9 pin)	80mm (Wireless) Printer Dock DC Jack x 1 USB Type-A x 2 RJ12 x 1, RJ45 x 1 Pogo pin (9 pin)