UPad

Smart Commercial Tablet



Google Mobile Service · Android Enterprise Recommended · CE · FC · RoHS

Meet the UPad

Your Frontline Hub for Smarter Retail

UPad is a next-generation commercial mobility platform designed for modern retail and enterprise operations. Combining mobility, payment, data capture, and modular scalability in a sleek and portable form factor, it helps businesses streamline workflows and improve operational efficiency. Integrated barcode scanning, RFID reading, SoftPOS payment, and Wi-Fi 6E connectivity enable seamless transactions, real-time data synchronization, and flexible mobile operations. More than just a tablet, UPad is built for the future of intelligent and connected business operations.

Operational Flexibility & Productivity

Innovative Quick -Lock Modular Design

The magnetic feature and snap-on design on device back enables secure and easy attachment to and removal from modular accessories to cater to different operation scenarios in seconds.

Incredibly Light. Exceptionally Slim.

Combining a lightweight 500g design with an ultra-slim profile under 7mm, the device redefines portable productivity for commercial users. The large 11-inch WUXGA display offers a wider, clearer viewing experience for retail, service, and mobile operations, all within a sleek precision-crafted metal body built for everyday business use.

Dual-Mode Data Capture

Integrated with high performance barcode scanner and in-display RFID reader enables easy and fast reading of barcodes and RFID tags.

All-in-one SoftPOS Payment

Turn your display into a payment terminal. Customers can tap to pay via on-screen NFC, with transaction amounts clearly shown on the large display. The system is EMVCo PCD L2 certified for security. It also accelerates checkout by supporting QR code scanning and member card verification.

Multi-scene Accessory Pairings

Upad accessories optimize multi-scenario operations—enabling simplified checkouts, and seamless check-ins for retail, hotels, and restaurants alike. From tableside ordering to kitchen workflows, our ecosystem enhances both staff efficiency and guest satisfaction

Enterprise-Grade Performance & Reliability

Reconstructing Performance Experience for Commercial Scenarios

Powered by a latest Qualcomm octa-core CPU with 2.2GHz on a 4nm process, paired with memory options of 4GB + 64GB or 8GB + 128GB, ensures retailers growing operation needs

Seamless, High-Performance Enterprise-Grade Connectivity

Equipped with dual antennas and supporting tri-band (2.4GHz, 5GHz, and 6GHz), this device ensures seamless and robust wireless coverage across the entire commercial premises—from the storefront to the back office

AI-Powered Smart Battery Management

Power through your day with the UPad. Featuring a service-replaceable 8,000mAh battery and AI smart-charging technology, it delivers sustained performance and extended battery lifespan — ensuring reliable power through the toughest shifts.

Enterprise-Grade Performance & Reliability

Biometric Security

A fingerprint sensor integrated into the power button enables instant, secure user authentication with a single touch.

The Art of Balancing Thinness and Durability

A precision-crafted metal body delivers a sleek, premium look while maintaining the durability required for commercial use. With IP54 protection and 1.2-meter drop-tested reliability, it is built to withstand the challenges of daily business operations.

Manage Your Workforce Efficiently with UROVO Software

Visualized Fleet Management

UROVO UMS enables centralized device management across multiple device types and operating systems. IT administrators can remotely manage devices, control app access, enforce security policies, and streamline device lifecycle management from a single dashboard.

Streamlined Device Setup & Enterprise Management

UROVO U-Stage simplifies device deployment with preset configurations, apps, and settings. Devices can be quickly set up via remote deployment, local import, or QR code scanning, while OEMConfig supports enterprise policy and compliance management through EMM platforms.

Industry & Applications

Retail & Hospitality

Assisted Selling
POS & Inventory
Staff Communication
Guest Check-in
Room Service

Warehousing & Manufacturing

Inventory Management
Equipment Maintenance
Quality Inspection
Staff Communication

Food & Beverage

Staff Check-in
Counter Ordering & POS
Mobile Ordering
Kitchen Display System

Transportation & Logistics

Routing & Dispatch
Vehicle Inspection
Driver Communication
Proof of Delivery

PERFORMANCE CHARACTERISTICS

CPU	Octa-core 2.2GHz
Operating System	Android 16.0, Upgradable to Android 20
Memory	4GB RAM/64GB ROM 8GB RAM/128GB ROM(Optional)

PHYSICAL CHARACTERISTICS

Dimensions	260 mm L x 180 mm W x 11 mm D
Weight	500g
Display	11 inches 1920 x 1200, LCD, 450 nits
Touch panel	Multi-mode capacitive touch with bare or gloved fingertip input or stylus (sold separately); Water droplet rejection; Fingerprint resistant anti-smudge coating
Power	Service replaceable battery standard capacity 3.87V 8000mAh / 30.96Wh;
Quick Charing	Support
Expansion Slot	User-accessible microSD card up to 1 TB
SIM /SAM	Hybrid dual SIM slot (2 Nano SIM or 1 Nano SIM/1 Micro SD) - 2'nd Nano SIM is supported by micro SD Card Slot 2 Nano SIM or 1 Nano SIM and 1 e-SIM Dual SIM/Dual Standby
Interface	Rear: 8-pin communication I/O; Top: USB-C 2.0; Right: USB-C 2.0; Bottom: USB-C 3.1 Gen 1, 6-pin communication I/O; All interface support OTG
Notification	Audible tone ; Vibration; LED
Keypad&Button	On-screen keypad and Enterprise Keyboard; Power button; Volume up/down buttons;
Voice and Audio	Two noise-canceling microphones; High-quality dual speaker phone; PTT headset USB-C support; Bluetooth wireless headset support, SWB & FB audio; Cellular circuit switch voice; HD voice

SENSOR

Light Sensor	Ambient Light
Other Sensor	Accelerator+ Proximity + Geomagnetic + Gyro

WIRELESS WAN DATA AND VOICE COMMUNICATIONS

Radio Frequency Band	TD-LTE(B34/B38/B39/B40/B41) LTE(B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B19/B20/B25/B26/B28A/B28B/B66) WCDMA(B1/B2/B4/B5/B8) GSM/EDGE/GPRS(850/900/1800/1900)
GPS	GPS, A-GPS, GLONASS, Galileo, BeiDou,QZSS;

WIRELESS LAN

Radio	IEEE 802.11 a/b/g/n/ac/ax/ah/d/h/i/r/k/v/w/mc; 2x2 MU-MIMO; Wi-Fi™ 6E; Dual Band Simultaneous (DBS);IPv4, IPv6;
Data Rates	6 GHz: 802.11ax — 20 MHz, 40 MHz, 80 MHz, 160MHz— up to 2402 Mbps 5 GHz: 802.11a/n/ac/ax — 20 MHz, 40 MHz, 80 MHz, 160MHz— up to 2402 Mbps 2.4 GHz: 802.11b/g/n/ax — 20 MHz, 40 MHz — up to 573.5 Mbps
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC , LEAP and EAP-PWD;

WIRELESS PAN

Bluetooth	Configurable Class 1 and 2, Bluetooth v5.2; Classic Bluetooth(BR/EDR) and Bluetooth LE

DATA CAPTURE

Scanning	Standard Range 1D/2D scan engine; FlexRange 1D/2D scan engine (Optional).
Camera	Rear: 16MP autofocus; flash LED, PDAF; Torch mode; Front : 8MP Fixed, FF;
NFC	1. Reader (PCD) ISO/IEC 14443 Type A / 14443 Type B ISO 15693 Sony FeliCa Apple VAS Certified (Value Added Services) ECP 1.0 / ECP 2.0 Polling Support (Enhanced Contactless Polling) 2. Card Emulation Card Emulation via Host (HCE) ISO/IEC 14443 Type A / 14443 Type B Sony FeliCa 3. Certification & Compliance CPoC Compliant Contactless Payment Support

DATA CAPTURE

RFID	Optional Built-In UHF RFID - Read Range : Up to 1.5 m - Read Rate : 50 tags/s
Biometrics	Fingerprint sensor integrated into the power button

SENSOR

Light Sensor	Ambient Light
Other Sensors	Accelerator+ Proximity + Geomagnetic + Gyro + Finger

USER ENVIRONMENT

Operating Temp	-20°C to 50°C / -4°F to 122°F
Storage Temp	-40°C to 70°C/ -40°F to 158°F
Humidity	5%-95% non-condensing
Drop Spec	1.2 m/3.9 ft.(with rugged case) drops to tile over concrete over operating temp (25°C/77°F) per MIL-STD 810H
Sealing	IP54
Electrostatic Discharge (ESD)	+/-15kVdc air discharge +/-8kVdc direct discharge +/-8kVdc indirect discharge

SOFTWARE SOLUTIONS

UEE Software Solutions	Enterprise Management: Unified Management System (UMS) UStage Provisioning OEMConfig UTalk 2.0 PTT platform OTA / Firmware Update Management App Market Device Productivity: ScanWedge RFIDWedge OCRWedge Key Mapping U-Browser Enterprise Launcher Diagnostics & Maintenance: Log Capture WiFi Diagnostics AI & Smart Tools: OCR Text Recognition AI Vision- Multibarcode AI Voice - Translingo/ Control
3rd Party Solutions Integration	EMM: SOTI Omnissa Workspace ONE(Airwatch) 42Gears safeUEM

ACCESSORIES

Accessories	• Single-slot charging cradle (1 UPad device with/without rugged case) • Multi-function docking station • Rugged case(with hand strap) • Glass protective film • Stylus • Rotating hand strap • Shoulder strap • 18W(9V-2A) wall adapter + USB Type C cable

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Notice: Product specifications are subject to change without prior notice. / Model: UPAD / Update Date: 2026-05-21