PA768e
6.3" 4G Rugged Touch Computer

4G eSIM & Wi-Fi 6E ｜ 5100mAh hot-swappable battery ｜ Built-in RFID up to 1.2M

Unitech introduces the PA768e, a 4G rugged mobile computer designed to elevate operational efficiency with eSIM, Wi-Fi 6E technology support, and robust outdoor durability for field service, transportation, and logistics applications.

Seamless and Connectivity via Wi-Fi 6E

Featuring Wi-Fi 6E technology, the PA768e rugged mobile computer delivers incredible transmission speeds and lower latency, providing users with reliable, high-speed connections to synchronize with systems and handle tasks more efficiently. It empowers users to embrace a new era of speedy connectivity for businesses.

Advanced Workflow with eSIM Technology

The PA768e's eSIM technology revolutionizes connectivity by removing the need for physical SIM cards, ensuring greater convenience across various industries. Embedded securely within the device, the eSIM eliminates the risk of loss or damage while enhancing security by preventing unauthorized removal. Network switching is effortless—users can simply connect to Wi-Fi, scan a QR code, or enter an activation code. Optimized for efficiency, the PA768e delivers seamless, reliable connectivity, perfectly suited to the dynamic demands of logistics, warehousing, and beyond.

Reliable at its best

The PA768e is GMS certified, helping users tackle even the toughest workdays with ease. With IP65 and IP68 enterprise-grade protection and the ability to withstand 1.8-meter drops (with bumper), the PA768e is the perfect tool for maximizing data collection, management, and traceability across transportation and logistics, field service, manufacturing, and more!

Various Accessories

The PA768e allows users to add value to their device with the standard gun grip, the optional built-in short-range UHF function or long-range UHF gun grip (RG768). Simply attach it to enable convenient standard barcode scanning and RFID scanning, with RFID reading distances of up to 1.2 meters or 15 meters, supporting inventory tracking and asset management solutions.

Features

- Android 14 OS with GMS certified
- 4G LTE with eSIM enterprise handheld computer
- Support Wi-Fi 6E : 2.4 and 5GHz frequency as well as the 6GHz band
- Support eSIM technology: Effortless connectivity without physical SIM cards
- Superior barcode engine : 1D/ 2D/ DPM (7mil) / DOT code/ barcodes on screens/ OCR
- Multi-Scan function: Available to read 10 barcodes at one time
- 1.5M drop-resistant housing (1.8M with bumper)
- IP65 & IP68 heavy-duty protection against water and dust
- True Hot-swap UL certified battery design without downtime
- Support MDM Software Solutions and utilities such as VMWare, SOTI, Ivanti Wavelink, and MoboLink

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PA768e
Specifications

Operation System

OS	Android 14 w/ GMS & AER,Upgradeable to Android 16
CPU	Qualcomm Snapdragon™ 6225 Processor, 8 Cores, up to 2.4GHz
Memory	6 GB RAM / 64GB Flash, UFS
	6 GB RAM / 128GB Flash, UFS (Optional)
Languages support	Multiple languages

Display

Screen Size	6.3" Color LCD 2340 X 1080 (FHD+) High Resolution Display
Touchpanel	Gorilla® Glass with Multi-Touch Capacitive Touch Panel, support stylus, glove, wet-finger Compatibility High sunlight visibility- LCD backlight up to 500nits

Keypad

Programmable key, Volume up/down key, Left/right scan key, Power key

Indicator

LED, Vibrator

Camera

5 MP Front camera
16 MP Rear Camera with LED flash and auto-focus function

RFID

UHF (Option)	Up to 1.2m 865~868MHz (EU), 902~928MHz (US)
HF	Support HF/NFC, Frequency 13.56Mhz Support: ISO14443A/B, ISO15693, Mifare, Felica(ISO/IEC18092)

Power Source

Main battery	Hot Swappable 5100mAh Li-Polymer battery / battery with cover in one piece
Extended battery	7700mAh / battery with cover in one piece (optional)
Hot Swap	Yes

Enclosure

Dimensions (H x W x D)	167mm x 75.5mm x 17mm
Weight	270g (w/o bumper & hand strap)

Symbologies

Build-in 2D barcode imager engine with red laser aimer
Support All 1D&2D major barcodes

Communication

Bluetooth®	Bluetooth® 5.1
WLAN	2.4GHz & 5GHz & 6GHz
	IEEE 802.11 a/b/g/n/ac/d/h/i/k/r/v/ax, support WIFI 6E
	Security WPA3, WPA2, WPA & WEP
WWAN	4G LTE(FDD) – Bands 1, 2, 3, 4, 5, 7, 8, 14, 17, 20, 28
	(TDD) – Bands 38, 39, 40, 41
	3G UMTS/HSPA+ – Bands 1, 2, 5, 8
	2G GSM/GPRS/EDGE (850/900/1800/1900 MHz)
GPS	GPS/GLONASS/Gallileo/Beidou
Sensors	Gyroscope, G-sensor, E-compass, Light & Proximity Sensor

I/O Interfaces

USB	USB 3.1 type C, support fast charging, OTG
POGO PIN	Bottom pogo pin for cradles, rear pogo pin for gun grips
SIM Slot	Dual SIM: Nano SIM Slot x 1, eSIM x 1
Expansion Slot	Micro SD x 1, up to 1TB
Audio	Speaker support 95 dB at 10cm
	Dual-Microphone support noise cancellation

Environmental

Operating temperature	-4°F to 131°F (-20°C to 55°C)
Storage temperature	-40°F to 158°F (-40°C to 70°C), w/ battery
Relative Humidity	5% ~ 95% (Non-Condensing)
Drop test to Concrete	1.5 m, 1.8 m w/ optional bumper
Environmental Sealing	IP68 & IP65
Vibration/ Tumble test	Tumble 600 times (1.6 ft./0.5 m)

Software

MDM Software	SOTI, VMWare, 42Gears, and MoboLink

Regulatory Approvals

CE, NCC, FCC, N-Mark, RoHS 2.0
UL, CE, CQC, PSE, BSMI for battery

Accessories

Hand Strap
USB 3.0 type-C cable
Fast Charge Adaptor
9H Glass Screen Protector
Multi-Slot Terminal Charging / Ethernet Cradle / Battery Charger
1-Slot Charging / USB / Ethernet cradle
Standard / UHF Gun Grip (RG768)
Stylus & Coiled Strap

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Development Tools

Unitech SDK **Scanner SDK** **RFID SDK** **EBrowser**

Unitech offers a number of SDK toolkits for developers to write apps that can interact with the unitech devices for the mobile, scanner, and the RFID product lines.

Device Management

SOTI
42GEARS
vmware®
ivanti | Wavelink

Staging and Management

MoboLink
Android Enterprise ready EMM for monitoring device health and managing apps, configs and files.

StageGO
Barcode-based device staging utility offering hundreds of script commands for you to work with.

OEMConfig
If you are using a third party EMM, OEMConfig will allow those EMM solutions to configure unitech specific settings on the device.

Enterprise Launcher
Secure your devices by kiosking them with Enterprise Launcher. Block access to the Android system and only allow limited number of apps to be run.

Battery info
Monitor advanced Battery health and manage the battery replacement cycle. Use with MoboLink to get real-time attery health alerts delivered to your phone.

Software Update
Check and install software updates online.
To let a device always stay up-to-date, setup the device to automatically check and install for updates on boot up.

System Update Center
Check and install firmware updates via FOTA. You can update the firmware via online FOTA server, or by using a OTA ZIP file placed in the internal storage.

TagAccess
For versatile functions of RFID command via integrating with Unitech RFID Readers.

ScanBridge
A powerful scanner app for iOS, Android and Windows. Easy pairing, auto setup, advanced editing and validation tools streamline your scanning.
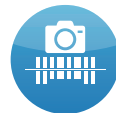
Productivity and Utilities

USS   USS Profiles
Configure all scanner settings with friendly user interface and enable the service to make scanning data as keypad input.

USS Camera
Capture barcode data using the device camera and send the data to your applications as keyboard inputs.

KeyRemap
Reprogram physical buttons to act as another key or to launch an app.

WLAN Advanced
Configure advanced WLAN settings such as power saving mode and roaming parameters.

NTP Server Settings
Customize the NTP server setting to keep your device date and time synchronized.

UNote
A simple text viewer and editor for use in your work flows.

Startup
Auto-run apps when device boots up.

Unitech Scanner Utility
An Android application which helps users connect, configure and use a supported Unitech Bluetooth scanner.

Logger
An easy and fast way to get logs from a device.

Enterprise Keyboard
Enterprise Keyboard gives various methods for user to input data to enhance efficiency and productivity.