



PNC660

MISSION CRITICAL RUGGEDIZED DEVICE

Mission First ✕ **Safety Always**



Overview

The PNC660 features advanced hardware and top-tier security tech for reliable 5G communication, equipped with a CC EAL5+ compliant security chip and comprehensive protection mechanism. Compliant with the 3GPP R15 standard, the PNC660 delivers high reliability for critical missions. Its intuitive design, integrated with industry applications, enhances efficiency and usability.

Secure Key

One-Click
Safety Mode On

Smart Key

Programmable
Features

Side Type-C Port

Stable Accessory
Connection
Wired Earpiece &
Remote Speaker
Microphone

Triple-Camera

13MP (front)
50MP (rear)
8MP (rear)

PTT Key

Prominent &
Easy to Use

IP68 & 1.5m Drop Resistance

Durability

Ergonomic Design

Easy to Operate

Intuitive User Interface

UI Widgets

6.3-inch FHD Screen

Operable with Gloves
and Wet Hands

Bottom Type-C Port

Fast Charging
Screen Projecting

Dual-Mic & Dual-Speaker

102dB@5cm & AI-based Noise Cancellation



Empowering Communication, Multimedia Capability

MCX

Mission-Critical Services

Supports QCI65/66/67/69/70, eMBMS & MSP 40ms
for enhanced reliability & ultra-low latency



Triple Cameras

Exceptional Image

Front 13MP and rear 50MP+8MP with 4K video encoding & decoding
Image stabilization algorithm & super night mode



Fast Charging

Long Battery Life

5000mAh battery with 33W QC4.0 fast-charging tech fully
Recharges in just 90 minutes

Dual Type-C

Enhanced Expandability

Side type-C ensures stable accessory connection
Bottom type-C enables 4K@60Hz screen projecting



Secure and Reliable, Mission Accomplished

Data Security

Information

- Dedicated security chip (strongbox)
- Multi-point tamper protection
- Dual-domain isolation
- Application sandbox
- Biometric ID: fingerprint and facial

Mission Safety

Personnel

- Man down
- Lone worker
- Covert mode
- Confidential mode

Precise Positioning

Accuracy

GPS dual-frequency, hybrid positioning modes



Hear Clearly, Deliver Precisely

Dual-Speaker

🔊 Loud and Powerful

Dual 3W speakers reaching up to 102dB at 5cm
AI-powered audio algorithm & SKTune audio optimization

16K

🔊 Crystal Clear Audio

AI-based noise cancellation technology
Wideband HD voice with a 16K sampling rate

Hi-Fi

🔊 Authentic Voice Quality

Hi-Fi audio system
Surround stereo sound



Smart Applications, Professional Platform

Android 14

🤖 Open Platform

Enhanced App compatibility

Intuitive

👉 User-Friendly Operation

Intuitive interface with customization

Smart Management

💧 Intelligent

Mobile device management (MDM) compatible

Application Scenarios



Public Safety



Municipal Service



Railway



Airport



Utility

Specifications

Frequency Band	
2G:	850/900/1800/1900
WCDMA:	B1/B2/B4/B5/B8
LTE-FDD:	B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/B26/B28(Full Band)/B66/B68/B71
LTE-TDD:	B34/B38/B39/B40/B41(2496-2690MHz) /B42/B43/B48
NR:	N1/N2/N3/N5/N7/N8/N11/N20/N28/N38/N40/N41/N48/N66/N71/N77/N78/N79
HPUE:	B41/B42/N41/N78/N79
4*4 MIMO:	N41/N77/N78/N79
NR 2T4R:	N41/N77/N78/N79
Hardware	
Operating System	Android 14
CPU	6nm, Octa-core (1x2.7GHz, 3x2.4GHz, 4x1.9GHz)
AI Performance	~12.15INT8 TOPS
Memory	RAM: 8GB, ROM:128GB/256GB
Dimensions (H x W x D)	166.6mm x 77.6mm x 14.3mm
Weight	280g
Screen Size	6.3-inch FHD 1080x2340 Corning Gorilla Glass 5
Cameras	Front: 13 MP, Rear: 50 MP and 8 MP
Flashlight	Available
Battery	5,000 mAh
Charging	USB Type-C Fast Charge (33W)
Card Slot	Nano-SIM Card * 2, Supports eSIM, TF Card * 1
Motor	Available
Speaker	3W Dual Speakers
WLAN	6E, Supports 802.11 a/b/g/n/ac/ax, 2.4GHz+5GHz+6GHz
Sensor	Fingerprint Recognition Reader, Gravity Accelerometer, Gyroscope, Magnetometer, Proximity Sensor, Ambient Light Sensor, Barometer
Positioning	GPS Dual-Frequency/BDS/GLONASS/GALILEO/A-GPS
NFC	Available
Video Resolution	Encode 4K 30fps, Decode 4K 60fps
Display Port	Supports DP1.4
Interfaces	Bottom USB Type-C 3.1 Gen2 & Side USB Type-C Port
Front Indicator Light	Available (one light with red, green, and blue colors)
Environment	
Operating Temperature	-20°C to +60°C
Storage Temperature	-30°C to +70°C
Environmental Compliance	RoHS/REACH
ESD	IEC 61000-4-2, (ESD)±12 kV (Air); ±8 kV (Contact)
Ingress Protection	IP68
Drop-proof	1.5m
Certification	
Certification	CE/GMS/IP68/MIL-STD 810H /E112
Others	
Tamper-proof & Self-destruction	Available (Design anti-disassembly points according to requirements. Security chip stores the key data. Unauthorized disassembly triggers the deletion of key data.)

Accessories

• Standard

Battery



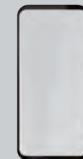
Data Cable



33W Adapter



Tempered Glass



Wired Earpiece



Wired Remote Speaker Microphone



Wireless Earpiece



Protective Cover with Strap



Protective Cover with Belt Clip



Backup Rear Cover



Charger



Wireless PTT



Wireless Remote Speaker Microphone



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