



# PNC660

MISSION CRITICAL RUGGEDIZED DEVICE

*Mission First* <> *Safety Always*





# OverviewXXXX

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

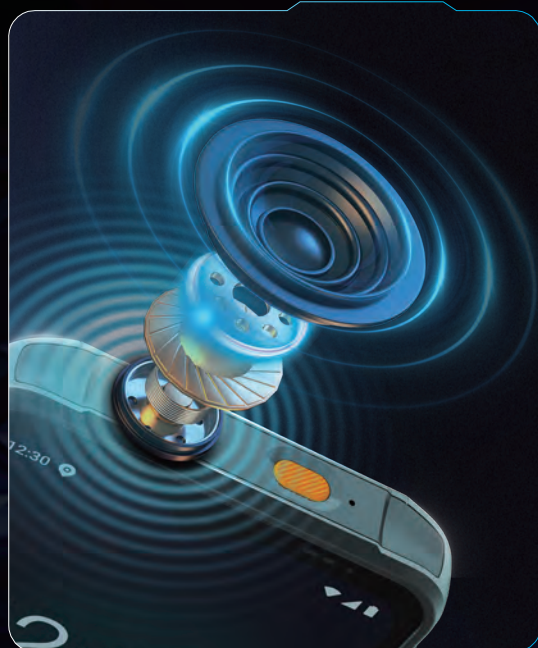
 Crystal Clear Audio

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

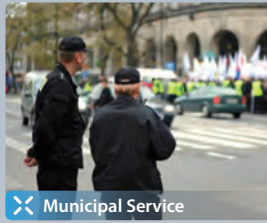
 Intelligent

Mobile device management (MDM) compatible

# Application Scenarios



Public Safety



Municipal Service



Railway



Airport



Utility

## Specifications

Frequency Band	
Broadband Network	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/N12/N20/N28/N38/N40/N41/N48/N66/N71/N77/N78/N79
	HPUE: B41/B42/N41/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
- Optional

<ul style="list-style-type: none"> <li>Battery</li> </ul>	<ul style="list-style-type: none"> <li>Data Cable</li> </ul>	<ul style="list-style-type: none"> <li>33W Adapter</li> </ul>
<ul style="list-style-type: none"> <li>Tempered Glass</li> </ul>		
<ul style="list-style-type: none"> <li>Wired Earpiece</li> </ul>	<ul style="list-style-type: none"> <li>Wired Remote Speaker Microphone</li> </ul>	<ul style="list-style-type: none"> <li>Wireless Earpiece</li> </ul>
<ul style="list-style-type: none"> <li>Protective Cover with Strap</li> </ul>	<ul style="list-style-type: none"> <li>Protective Cover with Belt Clip</li> </ul>	<ul style="list-style-type: none"> <li>Backup Rear Cover</li> </ul>
<ul style="list-style-type: none"> <li>Charger</li> </ul>	<ul style="list-style-type: none"> <li>Wireless PTT</li> </ul>	<ul style="list-style-type: none"> <li>Wireless Remote Speaker Microphone</li> </ul>



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