

RPC-15WL

15.6" Bedside Engagement Terminal for Smart Communication and Voice-Enabled Nursing Assistance



Product Features

- Quad microphone array for clear voice capture and hands-free workflow control
- Optional NFC module for access control and SIM card expansion for mobile data connectivity
- Google EDLA support for controlled app installation & updates
- Dual 5W speakers, mic and 5MP front camera enables real-time communication
- HDMI and USB type C video input support

Specification

System Information

Processor Rockchip RK3576S Quad core cortex A53+Quad core cortex A72

System Memory Onboard 4GB DDR

Storage

Storage Onboard 64GB eMMC

Other Storage Device 1 x Mirco SD Card Slot

Display

Graphic Chipset Mali-G52 MC3 GPU

Ethernet

Ethernet Interface 10/100/1000 Base-Tx GbE compatible

Power Requirement

DC Input +12V

DC Input Connector DC Jack

Adapter

Input: 100 ~ 240Vac/ 50 ~ 60Hz
Output: 24W (12V@2A) AC-DC adapter

Software Support

OS Android 15/16

Panel

LCD Size 15.6"

Resolution 1920 x 1080

Luminance 250 cd/m²

Contrast ratio 1000

Viewing angle 85/85/85/85 (L/R/U/D)

Touch Type Projective capacitive multi-touch up to 10 points

External I/O

USB Port 1 x USB 3.0
1 x USB 2.0
1 x USB Type C (Full Function, Except for charging and DP function)

LAN Port 1 x RJ45

HDMI 1 x HDMI-in

Other 1. Safety Lock Hole
2. Optional SIM

Audio

Speaker Output 2 x 3W

Microphone Quad microphone array, support noise reduction and echo cancellation
(optional: six-microphone array)

System Control

Control Buttons Power

Data Collection

NFC Optional : PN7160(NXP)

Wireless Communication

WLAN Optional Wi-Fi 802.11b/g/n/a/ac/ax

Bluetooth Optional BT 5.4

Mechanical & Environmental

Operating Temp. 0°C ~ 40°C (32°F ~ 104°F)

Storage Temp. -20°C ~ 60°C (-4°F ~ 140°F)

Dimension (W x L x H) 365 x 220 x 173.9 mm

Operating Humidity 20~80%RH

Power Mode AT/ATX (AT is default)

Packing List

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- 1 x RPC-15WL
- 1 x 12V/2A Adapter
- 1 x USB Type A to Type C
