

MINIX® CP89-HD Specifications



Product Name	Portable 60FPS Wireless CarPlay / Android Auto Display
Product Model	CP89-HD
Processor	Low-Power Dual Core A7
RAM	256MB (Industry Leading)
Storage	8GB eMMC
Operating System	Linux 5.4

Screen	8.9-inch, 16:6 aspect ratio, ~230 PPI Resolution: 1920*720 high-definition Contrast Ratio: 800:1 (Typical) / 1000:1 (Max) Color Gamut: 72% NTSC Brightness: 700 cd/m2 (nits) Panel Type: IPS, 170 degree viewing angle TP Technology: OCA Lamination (Mitsubishi Clearfit™)
Sound Output	1. Built-in Speaker (8-Ohm, 1W) 2. Dual-BT Connection Mode (Phone to Vehicle's Bluetooth Audio System) 3. 3.5mm AUX Output 4. FM Transmitter (transmitting audio to vehicle's FM radio)
Rear View Camera	Up to 1080p (optional, not included in standard package)
Dimension	Length: 224.8mm / Width 97.2mm / Thickness 21mm (screen 11.6mm) Width: 97.2mm Thickness: 21mm
Weight	Display Unit: 398g Magnetic Mount: 47g Suction Mount: 96g
Wi-Fi	Dual-band 2.4GHz/5GHz Wi-Fi 6, Frequency Range 2412MHz-2484MHz; 5180MHz-5825MHz (CarPlay and Android Auto only utilize the 5GHz channels)
Bluetooth	Bluetooth V5.0 LE & BR/EDR, Frequency Range 2402MHz-2480MHz
Rated Power Input	5V/3A, 9V/1.5A
Power Input Connector	USB-C, support PD protocol

60FPS experience (Standard CarPlay display = 30FPS or 15FPS ONLY)

Unique Features

Ultra low-power, <6W maximum power consumption

From power on to connected to CP/AA within 11 seconds

Physical Power Button to control: Screen Off, Power Off, Restart

Magnetic suction, easily removable

Plug-and-Play, auto-reconnection to CP & AA wirelessly

Built-in ambient light sensor, automatically adjust screen brightness