

MediaTek helio | P70

DEFINING THE NEW PREMIUM

Powerful performance, beautiful imaging, fluid gaming and brilliant multi-core AI



Ultra-Smart Edge AI

Best-in-Class Performance

A multi-core Artificial Intelligence Processing Unit (APU) that can perform many tasks at the same time and do it super fast. We call this technology a multi-threading scheduler. Along with MediaTek NeuroPilot it delivers up to 30% more performance than single-threaded APUs. That means the P70 can perform intensive AI actions like real time human pose recognition.



Fluid, Responsive Gaming

Smarter, Faster, and Lower Latency

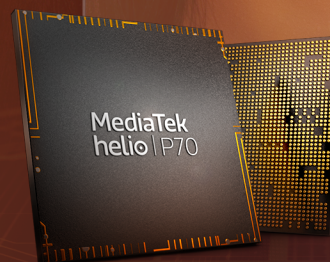
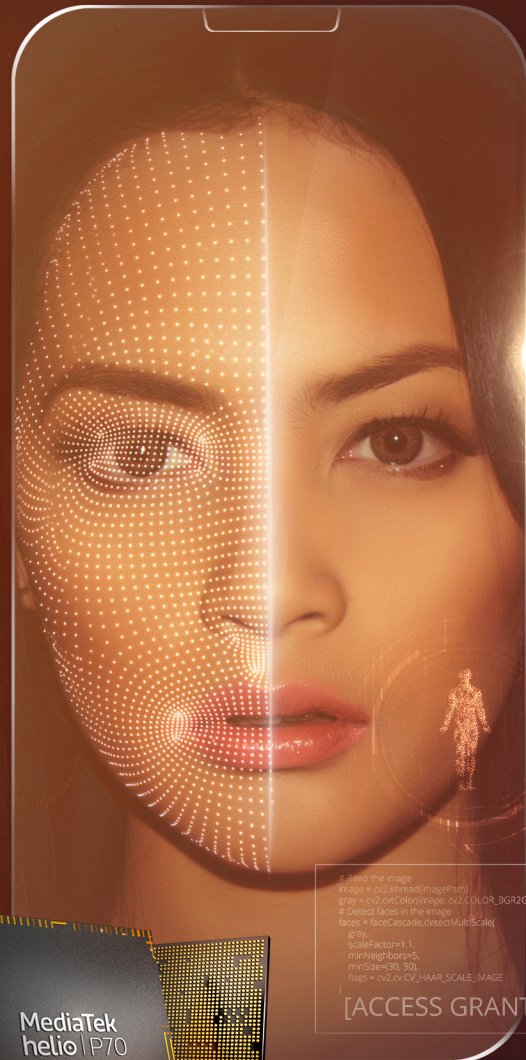
MediaTek Helio P70 has a faster GPU, faster big ARM cores and is optimized for multi-threaded games. This combo gives more responsive action for displays, touch control and networking for a fluid gaming experience.



Sustained Performance & Power Efficiency

Game, Work, Chat for Longer

MediaTek's CorePilot 4.0 intelligently directs power and anticipates users needs. It provides thermal management to keep your device running cool and has UX monitoring and Energy Aware Scheduling (EAS+). All together, that means sustained peak performance, longer battery life and lower operating temperatures of up to 4.5°C.



Latest Connectivity Standards

Better Connections, Longer Battery Life

The Dual 4G SIM and MediaTek TAS 2.0 smart antenna has the latest cellular features such as VoLTE, ViLTE, VoWi-Fi, global eMBMS, HPUE and 600MHz (Band 71) frequency. Connect everywhere with technology that gives you the best signal quality and fast data connections without draining the battery.



Big Performance from a Tiny Chip

Excellent Power Efficiency

Using TSMC's latest 12nm FinFET technology, P70 delivers high-performance balanced with incredible power efficiency so you can do more on your device and charge less.



Capture Brilliant Photos & Video

Premium HDR Images and Fluid Bokeh Previews

Super-sized 24+16MP dual camera or 32MP single camera. P70's unique hardware-driven HDR enhancements provide incredible detail and color to images and video capture. The high resolution engine gives a 3X boost to depth-mapping performance for faster, fluid real-time bokeh.

```
# Read the image
image = cv2.imread(imagePath)
gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)
# Detect faces in the image
faces = faceCascade.detectMultiScale(
    gray,
    scaleFactor=1.1,
    minNeighbors=5,
    minSize=(30, 30),
    flags = cv2.CV_HAAR_SCALE_IMAGE)
[ACCESS GRANTED]
```

This Chip Changes Everything

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To learn more, visit
<http://i.mediatek.com/P70>

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