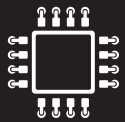


MediaTek helio | P90

INCREDIBLE AI PERFORMANCE THAT CHANGES EVERYTHING



OUR MOST POWERFUL AI

MediaTek Helio P90 is an AI processing powerhouse. It boasts our latest APU 2.0. With a leading fusion AI architecture, the P90 handles the most complex AI apps and tasks while running multiple AI functions at the same time. It does it super fast generating 1127GMACs (4.6 times more performance than MediaTek Helio P60 & P70) to breeze through any task while being extremely power efficient.



RESOLUTION REVOLUTION

Capture the biggest pictures ever at up to 48MP - that's 45% larger than 8K resolution - with zero delay. Have fun with super-slow-motion at 480FPS. This chip turns your smartphone into the only camera you will ever need.



DUAL 4G SIM

Both SIM slots support the fastest connectivity and lower power consumption. VoLTE and ViLTE deliver the best possible call and live video experiences, with faster call setup time and super sound quality.



INTELLIGENT IMAGING

Secure and fast facial recognition for unlocking your smartphone. AI adds beautification to your images including face beautification in video in real-time. Capture incredible detail up to 24+16MP on dual camera arrays. Intelligent environmental awareness gives faster exposure control, so you never miss a moment.

WHAT'S INSIDE

SPECIFICATIONS

AI	MediaTek APU 2.0
CPU	Octa-Core: 2x ARM Cortex-A75 @ 2.2GHz; 6x ARM Cortex-A55 @ 2.0GHz
GPU	IMG PowerVR GM 9446 GPU up to 970MHz
Memory	2-Channel LPDDR4x up to 8GB, 1866MHz
Storage	UFS 2.1
Camera	48MP or 24+16MP
Display	2520 x 1080 (Full HD+) at 21:9
Modem	4G LTE Cat-12 (DL) / Cat-13 (UL) (FDD/TDD), 4x4 MIMO, 3CA, 256QAM, HPUE, IMS (VoLTE\ViLTE\WFC), eMBMS, Dual 4G VoLTE (DSDS), Band 71, TAS 2.0
Connectivity	802.11 a/b/g/n/ac, Bluetooth 5.0, GPS + Glonass + Beidou + Galileo, FM radio

This Chip Changes Everything

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To learn more, visit
<http://i.mediatek.com/P90>

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