Cheatography

MediaTek Dimensity Chipset Series Explained Cheat Sheet

by essentialist via cheatography.com/214421/cs/47108/

Chipset Series & Performance Tier

Chipset Series	Performance Tier	Key Characteristics & Examples
Dimensity 9000 Series	Flagship (Tier 1)	Delivers cutting-edge performance for high-end smartphones, competing directly with high-end rivals.
Dimensity 8000 Series	Upper Mid-Range (Tier 2)	Considered the sweet spot for flagship-grade power without the premium flagship price. Offers an excellent price-to-performance ratio.
Dimensity 7000 Series	Mid-Range (Tier 3)	Designed to deliver reliable performance without being expensive. Suitable for everyday tasks and moderate gaming.
Dimensity 6000 Series	Budget/Entry-Level (Tier 4)	Brings essential features and 5G connectivity to the budget segment. Suitable for casual everyday use.

Understanding each **MediaTek Dimensity series by release date and tier** is important before you pick your next Dimensity-powered device.

Core MediaTek Dimensity Technologies

Technology Suite	Focus Area	Description
5G UltraSave	Connectivity & Power	A technology suite aimed at improving power efficiency when using the integrated 5G modem, delivering super-fast connectivity and longer battery life.
HyperEngine	Gaming	Provides whole smartphone enhancements to improve responsiveness, connectivity, and the overall gaming experience.
Imagiq	Photography/Imaging	Technologies that enrich the capture experience using dedicated AI and imaging processors, enabling features like unrivaled photography in any light and high-definition video. The Imagiq 1190 ISP, for example, is featured in the Dimensity 9500.
MiraVision	Video & Display	Enhances video playback with dynamic enhancements, providing incredible HDR visuals. The MiraVision SmartScreen engine improves display uniformity and clarity in extreme light conditions.
APU/NPU	Artificial Intelligence	Dedicated AI Processing Units (APUs) or Neural Processing Units (NPUs) that enable real-time image, voice processing, and Generative/Agentic AI capabilities.

By **essentialist**

cheatography.com/essentialist/

Published 1st October, 2025.
Last updated 1st October, 2025.

Sponsored by **Readable.com**
Measure your website readability!
https://readable.com