

# MediaTek Kompanio 520 | 528

Elevating computing experiences for K12 student Chromebooks



## Competitor Card

	Kompanio 520	Intel N4500	Kompanio 528	Intel N5100	Significance
Auto Update Expiration (AUE)	June 2033	June 2031	June 2033	June 2031	<b>2 more years</b> of OS support
# of Cores	8	2	8	4	More cores => <b>1) Better multitasking performance</b> <b>2) Better power consumption management</b>
Architecture	Arm	x86	Arm	x86	<b>Better performance running Android apps</b> (no x86 translation required)
Security	Latest	Legacy	Latest	Legacy	<b>Better protection against malware &amp; ransomware attacks</b>
KineMaster Video Export + YouTube	40.3 sec	55.7 sec	89 sec	129 sec	<b>27% faster</b> vs N4500 <b>31% faster</b> vs N5100
Google Meet VC + Minecraft	16.3 FPS	13.7 FPS	23.9 FPS	7.5 FPS	<b>19% faster</b> vs N4500 <b>219% faster</b> vs N5100
PassMark CPU Tests (score)	3797	2026	4273	3361	<b>87% better</b> CPU performance <b>27% better</b> CPU performance
Battery Life (Google Meet)	7 hrs	5 hrs	6.9 hrs	5.0 hrs	<b>1.4x longer</b> vs N4500 <b>1.4x longer</b> vs N5100
Battery Life (YouTube)	15.5 hrs	9 hrs	15.1 hrs	7.9 hrs	<b>1.7x longer</b> vs N4500 <b>1.9x longer</b> vs N5100

Note: Battery life measurements are normalized to 47Whr battery size

Watch to see how the MediaTek Kompanio 520 processor outperforms the competition in real-world use cases including video conferencing, STEM applications, video editing and Android gaming.

**View Our Benchmark Video**

**Paul Hieronymus**  
Director of Technology  
North Ridgeville City Schools

**Hear from North Ridgeville City Schools on their experience with MediaTek Kompanio processors**

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Hollingworth School Chooses MediaTek Powered Chromebooks For Increased Productivity, Engagement and Collaboration

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Chromebooks with MediaTek Kompanio Processors Excel At Minecraft

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