

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



## Solution Brief:

L. Hollingworth School  
Toledo, Ohio



## Website:

<https://www.hollingworthschool.com/>



## Industry:

K-12 Education



## Technology:

MediaTek  
Kompanio 520

L. Hollingworth School for the Talented and Gifted partnered with MediaTek to pilot the Lenovo 100e Chromebook Gen 4 powered by the MediaTek Kompanio 520 processor. The pilot demonstrated that the Chromebook's 15-hour battery life and powerful octa-core processor allowed students to stay engaged and productive in the classroom without worrying about device charging.



## MediaTek Helps Hollingworth Meet Its Education Commitments

L. Hollingworth School, named after psychologist and educator Leta Hollingworth (1886-1939), who studied gifted and talented children, believed that gifted students need a curriculum that is tailored to their needs and that they should be challenged academically. The school today serves all students and provides them with a challenging and supportive environment, as it believes all students are gifted, and when shown those gifts, this helps to prepare them for success in high school and beyond.

MediaTek's vision for education is to provide students and teachers with stress-free and engaging classroom experiences. MediaTek delivers on this promise by designing processors that are ultra-power efficient and provide true all-day battery life. MediaTek also leverages octa-core processor architectures to deliver enhanced productivity in multitasking use cases.

MediaTek was honored to partner with Rachel Gerwin, College and Career Readiness Coordinator, to collaborate on the Lenovo 100e Chromebook Gen 4 pilot, which is helping Hollingworth School meet its education commitments.

## Hollingworth's Challenges - Device Performance & Evaluation

**Challenge 1:** Students and educators worry that Chromebooks will shut down unexpectedly, and the devices also lag when running multiple applications at the same time.

While 1:1 technology programs introduce significant benefits, it is important to avoid adding stress to the classroom. For example, students cannot focus on learning and educators cannot focus on teaching when they are constantly worried about devices shutting down. Additionally, processing speed is critical at Hollingworth because students often use sites like YouTube as rewards, and slow speeds are frustrating.

**Challenge 2:** Hollingworth must often purchase unseen technology products, which means IT personnel can only evaluate them after they arrive at the school. This can be difficult, as it is hard to assess a product's quality without seeing or using it first.

Hollingworth found it beneficial to partner with MediaTek through their Chromebook evaluation program, which allowed them to test the devices firsthand and evaluate them before making any commitment to purchase the devices.

### Why Hollingworth Selected MediaTek Kompanio

Hollingworth evaluated the processing speed of the Lenovo 100e Chromebook Gen 4 by having students in grades 6-8 use a variety of applications, including Getepic.com, YouTube, i-Ready, Blooket, 99math, and Prodigy. They also allowed students to play games while encouraging them to keep as many tabs open as possible.

The Chromebooks showed virtually no slowdown even with these demanding tasks. In addition, the Chromebooks lasted for four days of summer school without being charged, and students were able to stay mobile, learn from anywhere, and collaborate easily with other students.



Teachers and students loved the long battery life. Students did not have to charge these devices all week (4 days), and still had 20% remaining battery life.

Other Chromebooks we have run out of battery way before the MediaTek Kompanio-powered Chromebooks and often the processing speed is slower and can only handle some of the multitasking while students are working.

- Rachel Gerwin, College and Career Readiness Coordinator



## Results & Takeaways

IT personnel, teachers, and students at Hollingworth School found that the Lenovo 100e Chromebook Gen 4 powered by the MediaTek Kompanio 520 processor provided the following improvements:



Faster computing experiences with MediaTek Kompanio octa-core processors led to **higher student productivity and engagement**.

15-hour all-day battery life with power-efficient MediaTek Kompanio processors led to **reduced stress and increased collaboration** at school.



Expected **longer Chromebook life** thanks to Lenovo's ruggedized design, anti-pick full-skirt keys, and DuraSpec standards that provide drop and spill protection.

Based on the success of the pilot, Hollingworth is pleased to announce that they have decided to proceed with a purchase of a larger batch of the Lenovo 100e Chromebook Gen 4 for their school. They also enjoyed partnering with MediaTek on this pilot and are excited to continue working with MediaTek on future projects.



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The result was that students and teachers were amazed by virtually no slowdown speed while having so many tabs open at once and playing games on the Chromebook! We are confident that the MediaTek Kompanio-powered Chromebooks will meet the needs of our students and staff.

- Rachel Gerwin, College and Career Readiness Coordinator

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