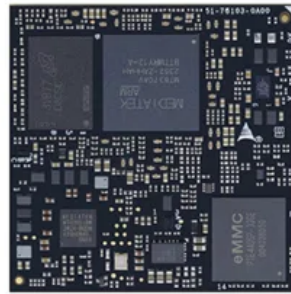


OSM R1.1 SIZE-L MODULE BASED ON MEDIATEK GENIO 510 SERIES PROCESSOR



STELIAU
TECHNOLOGY

The OSM-MTK510 is an Open Standard Module R1.1 Size-L module featuring the advanced MediaTek Genio 510 series processor. Equipped with a dual-core Arm Cortex-A78 and a quad-core Cortex-A55, it boasts an impressive MediaTek DLA+VPU AI engine capable of up to 3.2 TOPS, making it ideal for edge AI applications. This module excels in providing edge AI processing at ultra-low power consumption.

Supporting a variety of graphic outputs including HDMI/DP, eDP, and DSI, and comprehensive connectivity options such as 1x GbE, I2S audio codec interface, 1x USB 3.0, and 2x USB 2.0 interfaces, the OSM-MTK510 is versatile and robust. It also includes 17x GPIO and ensures long-term availability with a 10-year product lifecycle.

Main Features:

- Hexa-core MediaTek Genio 510 SoC with 2x Arm Cortex-A78 and 4x Arm Cortex-A55
- MediaTek DLA+VPU AI engine up to 3.2 TOPS
- OSM revision 1.1 compliant
- Up to 8 LPDDR4, up to 128GB eMMC
- HDMI/DP, eDP, DSI graphic output
- 10/100/1000 RGMii Ethernet
- Rugged operating temperature option: -40°C to 85°C
- 10 years product availability



For full product
info and datasheet
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Adlink's mission is to affect positive change in society and industry by connecting people, places and assets with artificial intelligence; we do this through the delivery of leading edge, robust and reliable hardware and software solutions that d

