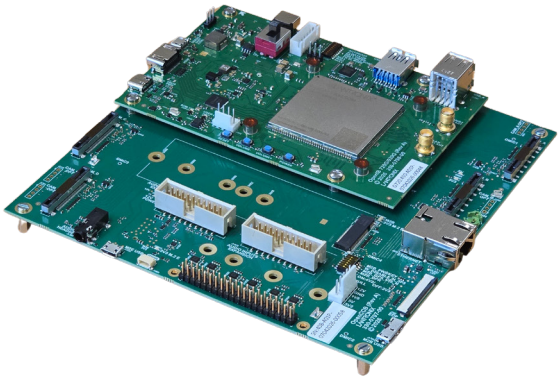
LANTRONIX®

NEW!

Open-M™ 720G SOM Development Kit



The Lantronix Open-M™ 720G Development Kit is designed to simplify the evaluation and development of applications based on the MediaTek Genio 720 platform. It provides a comprehensive hardware platform for assessing key features, including low power consumption, AI acceleration, enterprise-grade connectivity, security, multi-channel camera support, and advanced audio capabilities.

The kit supports evaluation of MIPI CSI cameras, 4-lane MIPI DSI, eDP, HDMI, DisplayPort, audio, sensors via multiple expansion headers, Ethernet, and a wide range of standard interfaces. It includes the Open-M™ 720G System-on-Module (SOM) on an interposer board, an open-frame carrier board with access to all available I/O, and essential accessories, providing an ideal platform to accelerate prototyping and product development.

Key Features

- Powered by MediaTek Genio 720 SoC
- 8GB LPDDR5 RAM + 64GB UFS Flash
- Efficient Power (< 4W)
- Multiple MIPI camera
- Advanced Multimedia for Dual Displays and 4K Resolution
- Multiple high speed connectivity options
- Multi-OS, long-life support



Open-M™ 720G SOM

Engineering Services:

We provide a full solution – our unparalleled engineering expertise and product development skills deliver innovative products that are cost-effective and can jumpstart your Go-to-Market timeline.

Our business model offers turnkey product development services, or we can augment your team in specific areas of development. The choice is yours.

Key development expertise in:

- Camera development and tuning
- Voice control
- AI/ML Application
- Mechanical & RF design
- Thermal & power optimization

IoT product development made easy.

MEDIATEK

LANTRONIX®

Downloaded from Arrow.com.

Lantronix Open-M™ 720G SOM Development Kit

Hardware Specifications:

• **Processors**	Genio 720: MT8391 6nm: 2x Arm Cortex A78 2.6GHz, 6x Arm Cortex A55 2.0GHz Arm Mali G57 MC2 1.1GHz MediaTek 8th Gen NPU 10 TOPs
• **Memory/Storage**	8GB LPDDR5x + 64GB UFS
• **Wireless**	Wi-Fi 6E + Bluetooth 5.3
• **Display Interfaces**	HDMI Port DisplayPort v1.4 via USB Type-C Embedded DisplayPort (eDP)
• **Camera Interfaces**	2x MIPI CSI interfaces with support for D-PHY
• **Audio Interfaces**	3.5mm headphone jack, connectors for 4 DMIC, audio expansion boards (AMIC, DMIC, Line-in, Line-out, etc)
• **I/O Interfaces**	Header for GIPO/SPI/I2C/PCM, µSD card, Ethernet, 3x USB-A, 2 x USB micro-B, M.2 B-key, M.2 E-key, debug UART
• **Power Input**	12 VDC input or external battery
• **Dimension**	170mm x 170mm

Software:

• **OS Support**	Yocto Linux, Android 15

*See the Open-M™ 720G product brief for complete details

Lantronix Advantage

- **Addressing small to mid-size customer requirements**
- **Complete solutions with HW, SW, & Services**
- **Global TAA/NDAA-compliant manufacturer**

Purchasing Information:

LOM-720-EVK	Devkit bundle: Mainboard with Open-M™ 720G SOM on interposer, 1 x Camera, Wi-Fi/Antennas, power supply, and USB debug cable

Powered by MediaTek Genio

© 2026 Lantronix, Inc. All rights reserved. Lantronix is a registered trademark of Lantronix, Inc. in the U.S. and other countries. Open-M is a trademark of Lantronix, Inc. Mediatek and Genio are trademarks or registered trademarks of Mediatek. MediaTek Genio 720 is a product of Mediatek. and/or its subsidiaries. All other trademarks are the property of their respective owners. Specifications subject to change without notice. Not all features listed may be supported in software. MPB-00347 Rev B

Learn more at lantronix.com/open-m-720-dev-kit

LANTRONIX®

Downloaded from Arrow.com.