



The Synaptics SL-Series of embedded processors are highly integrated AI-Native Linux® and Android™ systems on chip (SoCs) optimized for multimodal consumer, enterprise, and industrial IoT workloads with hardware accelerators for edge inferencing, security, video, graphics, and audio. The SL1620 is designed and optimized for embedded applications that require powerful processing, advanced AI capability, and 3D graphics.

The SL1620 incorporates high-performance compute engines, including a quad-core Arm® Cortex®-A55 CPU subsystem, a high-efficiency, feature-rich GPU for advanced graphics and AI acceleration, superior

Benefits

- Multimodal IoT SoC lowers system cost
- Powerful GPU for advanced graphics and out-of-the-box AI
- Pairs with best-in-class Synaptics connectivity
- Enables fast time to market

Applications

- Enterprise conferencing
- Home security gateways
- Smart speakers and soundbars
- Industrial control systems
- Signage, displays, and wearables



AI-NATIVE EDGE SOC



HIGH PERFORMANCE PER WATT



LINUX / ANDROID SDK



PROVEN SECURITY MODEL

