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## LITESOM

**liteSOM is an extremely low-power, state-of-the-art module based on ARM Cortex-A7 core iMX6UltraLight processor. SO-DIMM factor makes it easy to embed to your device without any technical issues. By placing the most critical signals in the module, even very complex peripherals can be placed using two PCB layers. This allows to deliver cost-performance optimized designs and speeds-up time to market.**

**liteSOM targets a wide range of industrial applications where price sensitivity of the product is important.**



## TECHNICAL DATA

<b>Processor</b>	i.MX 6UltraLite, 528 MHz, ARM® Cortex®-A7 Core
<b>RAM</b>	Up to 512MB
<b>eMMC</b>	2GB
<b>Power supply</b>	Single 3.3V DC
<b>Size</b>	67.6mm x 26.5mm x 3mm
<b>Temperature range</b>	0°C to 70°C or -40°C to 85°C
<b>OS support</b>	Linux, Brillo
<b>Security</b>	Crypto Engine (AES with DPA, TDES/SHA/RSA), Tamper Monitor, Secure

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	Boot, SIMV2/EVMSIM X 2, OTF DRAM Encryption
<b>Camera interface</b>	8/10/16/24-bit Parallel Camera Sensor Interface
<b>Graphics</b>	Parallel LCD Display up to WXGA (1366x768)
<b>Interfaces</b>	2x 10/100/1000 Ethernet 2x USB2.0 High-Speed OTG with PHY, 2x CAN, 6x UART, 2x McASP, 2x SPI, 3x I2C

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