Intel® XMM™ 7120M

LTE modem for M2M/IoT applications

Power-efficient solution for M2M devices

Intel® XMM™ 7120M multi-mode modem supports machine-type communications (MTC) features and Category 1 speeds up to 10 Mbps downlink for both low-and high-speed IoT applications. It is ideal for machine-to-machine applications with variable bandwidth demands, such as connected industrial equipment, telemetry (smart meters), security cameras, asset tracking, point of sale and industrial automation.

With its space-saving features, including stacked NAND & DRAM memory, XMM™ 7120M provides OEMs a low-complexity PCB design for integration in small form factor devices.

Product Features

Multi-mode radio for broad IoT applicability
- LTE FDD Cat. 1 slim modem with optional 3G and/or 2G fallback
- Peak data rates of 10 Mbps DL and 5 Mbps UL
- VoLTE solution with CSFB and SRVCC for seamless interaction with existing network voice solutions

Optimized for size, power and cost-sensitive applications
- Stacked NAND / DRAM memory together with the baseband chip for small PCB size
- Efficient design enables new form factors for 4G modules
- Reduced PCB complexity and BOM for cost-sensitive devices
- Low power consumption for longer active and standby times
# Intel® XMM™ 7120M Technical Specifications

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<td>3GPP Release 9 LTE Cat 1 FDD with MTC features 10Mbps downlink and 5Mbps uplink simultaneous Optional 2G + 3G fallback</td>
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<td>SKUs with up to 5 Bands Many Regional SKUs supported Cost and size optimized LTE Dual-band</td>
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