

SIM cards for any conditions

Telia IoT SIM cards are built around an industrial-grade, enhanced-silicon chip. They come in multiple options for normal conditions or extreme environments. They are also easy to manage and integrate via our IoT portal.

Key SIM card features

- Field-proven SIM solution
- Designed for industry applications
- Extended life span
- Highly secure

You get full control of your IoT SIMs through Telia IoT Service Portal, which allow remote provisioning, management, diagnostics and troubleshooting.

Fast facts: IoT Embedded SIM

- Higher temperature resistance for operation in demanding environments
- Higher resistance against corrosion and vibration
- Longer life expectancy and data retention (10 years +)

MFF2



We provide four different SIM types: Standard SIM, Plug 85 SIM, Plug 105 SIM and Embedded SIM.

	IOT Standard Sim		IOT Industrial Sim	
	Standard	Plug 85	Plug 105	Embedded
Form factor	Trio	Trio	2FF	MFF2
Dimensions (size)	SIM body 54 x 86 mm		25 x 15mm	6 x 5mm
	Mini SIM (2FF) 15 x 25 mm			
	Micro SIM (3FF) 12 x 15 mm			
	Nano SIM (4FF) 8.8 x 12.3 mm			
Environmental	Normal conditions	Extreme conditions of vibration, temperature and operational life		
Operational Temperature	-25°C to +85°C		-40°C to + 105 °C	
Anti-Corrosion	No	Yes		
eUICC optional	No	Yes		
Endurance minimum updates	Typical 100,000 write/erase cycles	Typical 500,000 write/erase cycles		
Data Retention Time	Expected typical 5 to 7 years bases on operational usage	Expected typical min 10 years based on operational usage		
Software Features		Javacard, eXtended-Life (XL)		LinQus USIM JAVA, Extended-Life (XL)
Vibration and Climatic/Limits				Complies to ETSI TS 102.671 – Vibration VA automotive standard
Package	Plug-in Card			SON8/VQNF8 package for “pick and place” automated assembly
Typical M2M Applications	Mobile payments, indoor digital signage, mobile health, personal navigation devices, tablets, payment terminals	Metering, in-vehicle telematics, outdoor digital signage, security alarm panels		Motor vehicles, heavy machinery (pumps, engines)