

# YOUR CHOICE

## To suit your application requirements

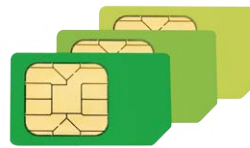
Wireless Machine-2-Machine (M2M) solutions often come with specific requirements for form factor and environmental resistance of SIMs. Telstra now provides five different SIMs: the M2M SIM Chip, the M2M Industrial SIM Card, the M2M Standard SIM Card, the M2M Micro SIM Card and the M2M Nano SIM Card.

Telstra's M2M Industrial SIM Card is more robust and comes in the standard form factor 2FF with increased corrosion-resistance to withstand more extreme environmental conditions for demanding M2M applications. The increased reliability and life expectancy of the M2M Industrial SIM Card reduces the risk of potential failures and the time and cost involved in replacement.

All Telstra M2M SIMs are available via the Telstra Wireless M2M Control Centre, which provides advanced tools to allow remote provisioning, management, diagnostics and troubleshooting.

## Fast Facts: M2M Industrial SIM

- Higher temperature resistance for operation in demanding environments
- Higher resistance against corrosion and vibration
- Longer life expectancy and data retention (10 years +)
- Ideal for M2M applications in vehicles



	M2M SIM Chip		M2M Industrial SIM CARD		M2M Standard	M2M Micro	M2M Nano
	Standard	Auto Grade	Standard	Micro			
<b>Form factor</b>	MFF2	MFF2	Ruggedised 2FF	Ruggedised 3FF	2FF	3FF	4FF
<b>Dimensions</b>	6mm x 5mm	6mm x 5mm	25mm * 15mm	15mm * 12mm	25mm x 15mm	15mm x 12mm	12.3mm x 8.8mm
<b>Environmental</b>	Extreme conditions of vibration, temperature and operational life				Normal conditions		
<b>Operational Temperature</b>	-40°C to +105°C				-25°C to +85°C		
<b>Anti-Corrosion</b>	✓				✗		
<b>Endurance (Write and Erase)</b>	Typical 500,000 write/erase cycles						
<b>Data Retention Time</b>	Expected typical min 10 years based on operational usage				Expected typical 5 to 7 years based on operational usage		
<b>Flash Memory</b>	64kB						
<b>Software Features</b>	Telstra specific security algorithms, Java Card™ API, Standard file system						
<b>Vibration and Climatic/Limits</b>	Complies to ETSI TS 102.671 – Vibration VA automotive standard	Complies to ETSI TS 102.671 – Vibration VA automotive standard, AEC Q100					
<b>Package</b>	SON8/VQNF8 package for “pick and place” automated assembly			Plug-in Card			
<b>Typical M2M Applications</b>	eg motor vehicles, heavy machinery (pumps, engines)		eg metering, SCADA, in-vehicle telematics, outdoor digital signage		eg mobile payments, vending, security alarm panels, indoor digital signage	eg mobile health, e-readers, personal navigation devices	eg tablets, payment terminals

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