



# Fully Protected Security Ecosystem

## Toolkit summary table: OSIRIS platforms and modules

Fully protected industrial transformation solutions: The security ecosystem is perfect for any field of application – whether purely internal and with external network connection. Choose the security modules and features relevant for your application. Completely individual solutions are possible. Do not hesitate to contact us and tell us your requirements!

Choose your variant!



	<b>OSIRIS Premium</b>	<b>OSIRIS Standard</b>	<b>OSIRIS Basic</b>	<b>OSIRIS Light</b>
<b>Base Device</b>	Custom Design	emIOT-A/iMX6	emPC-A/RPI3	emIOT-Edge
<b>Security Features</b>				
Tamper Protection	✓			
Minimum Operating System	✓	✓	✓	✓
High Assurance Boot	✓	✓		
Encrypted Firmware Image	✓			
AAA Infrastructure (RODC / DC)	✓	✓	✓	
Local Area Network Access Control (IEEE 802.1X)	✓	✓		✓
Encrypted communication	✓	✓	✓	✓
Multi-channel wide area network access	✓	✓		
Secure Data Storage / Fileshare	✓	✓	✓	✓
Location control	✓			
Remote access and configuration	✓	✓	✓	✓
<b>Communication Stack</b>				
LTE / UMTS Modem (WWAN)	✓	✓		✓
Managed Gbit Switch (Ethernet)	✓			
Ethernet Connectors	5	2	1	0
Hotspot (WLAN)	✓	✓	✓	✓
Industrial bus systems (CAN etc.)	On request	✓	✓	✓
<b>Data Broker - Machine Data Connectors</b>				
Customer-specific software stack	e.g. OPC-UA, MQTT, CODESYS			
<b>Data Broker - Enterprise Application Connectors</b>				
Customer- or provider-specific software stack	e.g. SAP HANA Cloud Platform IoT Services, Oracle IoT Cloud Services, nemetris Smart Industry Apps			



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<b>Hardware Specifications</b>				
Processor	Quad Core i.MX6 SoC	Dual or Quad Core i.MX6 SoC	ARM Cortex- A53	To be released.
Main Memory	2 GB	2 GB	1 GB	
Operating Temperature Range	-20°C ...+40°C	-40°C ...+60°C	0°C...35°C	
Non-operating Temperature Range	-30°C ...+80°C	-40°C ...+75°C	0°C...35°C	
Battery-buffered Real-time clock	✓	✓	✓	
Storage	Up to 512 GB mSATA SSD	Battery-free NVRAM 128 kB Up to 128 GB CFast card	Up to 128 GB µSD card	
Dimensions	349 x 188 x 69 mm	111 x 49 x 104 mm	100 x 30 x 97 mm	
Input Voltage	9...34 V <sub>DC</sub>	9...34 V <sub>DC</sub>	9...32 V <sub>DC</sub>	

Please contact us to get more information of configurations which will fit your needs!