



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!



	OSIRIS Premium	OSIRIS Standard	OSIRIS Basic	OSIRIS Light
Base Device	Custom Design	emIOT-A/iMX6	emPC-A/RPI3	emIOT-Edge
Security Features				
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	✓	✓	✓	✓
Communication Stack				
LTE / UMTS Modem (WWAN)	✓	✓		✓
Managed Gbit Switch (Ethernet)	✓			
Ethernet Connectors	5	2	1	1
Hotspot (WLAN)	✓	✓	✓	on request
Industrial bus systems (CAN etc.)	on request	✓	✓	on request
Data Broker - Machine Data Connectors				
Customer-specific software stack	e.g. OPC-UA, MQTT, CODESYS			
Data Broker - Enterprise Application Connectors				
Customer- or provider-specific software stack	e.g. SAP Cloud Platform IoT Gateway Edge, verlinked API Gateway, Oracle IoT Cloud Services, nemetris Smart Industry Apps			



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Hardware Specifications				
Processor	Quad Core i.MX6 SoC	Dual or Quad Core i.MX6 SoC	ARM Cortex- A53	ARM Cortex- A5 SoC
Main Memory	2 GB	2 GB	1 GB	128 MB
Operating Temperature Range	-20°C ...+40°C	-40°C ...+60°C	0°C...35°C	-40°C...60°C
Non-operating Temperature Range	-30°C ...+80°C	-40°C ...+75°C	0°C...35°C	-40°C...85°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	256 MB Flash optional SD card slot
Dimensions	349 x 188 x 69 mm	111 x 49 x 104 mm	100 x 30 x 97 mm	125 x 85 x 35 mm
Input Voltage	9...34 V _{DC}	9...34 V _{DC}	9...32 V _{DC}	9...32 V _{DC}

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