Industrial Equipment Manufacturing

Edge Solution Ready Package

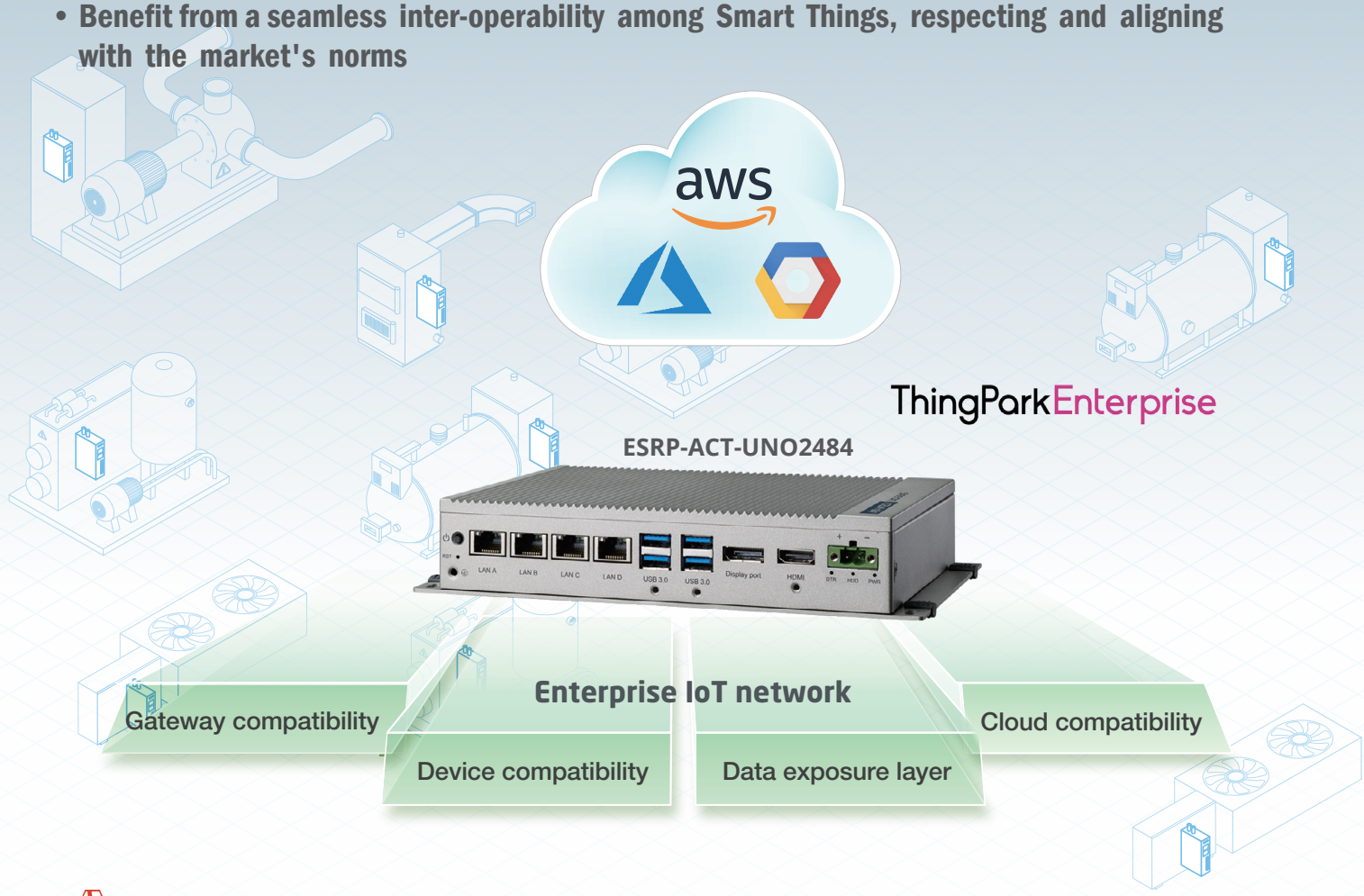
Enterprise IoT Network Platform

Smart IoT Platform with Actility's ThingPark™ Enterprise

Edge-SRP
Edge Solution Ready Package

ESRP-ACT-UNO2484

- Build your multi-gateway, geo-redundant, high-availability LoRaWAN® network with a user-friendly interface and monitor it in real-time
- Extend cloud intelligence and analytics to edge devices, with end-to-end infrastructure security, trusted by major telecommunication operators
- Enjoy a carrier-grade support and maintenance including 24/7 monitoring of smart IoT platform
- Benefit from a seamless inter-operability among Smart Things, respecting and aligning with the market's norms



Actility

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Gateway compatibility

The Actility ThingPark Enterprise is compatible with all popular LoRaWAN base stations on the market, including Cisco, Kerlink, Multitech, Ufispace, Tektelic, Gemtek, Cloudgate...

Device compatibility

ThingPark Enterprise supports all LoRaWAN versions and all regional profiles (EU-868, US-915, AS-923, AU-915, RU-864, IN-865, KR-920, CN-470, EU433, CN-779...), ensures different LoRaWAN class compatibility (A, B or C) and allows application payload decoding for easy third-party application integration.

Data exposure layer

ThingPark Enterprise exposes data through various mechanisms including HTTP or MQTT for easy connection to all popular clouds or applications.

Cloud compatibility

ThingPark Enterprise comes preconfigured with a series of connectors to popular IoT cloud services including Amazon Web Services, Microsoft Azure and IBM Bluemix. The connectors allow easy, fast and cost efficient integration for fast go-to-market project delivery.

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Interface for legacy Modbus installations

The industrial IoT has many already deployed legacy communication technologies such as Modbus or HART. ThingPark Enterprise comes with integrated interfaces and protocol adaptation services to ease integration with Modbus end-nodes and applications thus allowing easy upgrade of already-deployed solutions.

Intelligent Platform with ThingPark Enterprise	
Part Number	ESRP-ACT-UNO2484
Operating System	Linux OS
Application Software	Actility ThingPark Enterprise
Control Software	ThingPark 3 months evaluation license
CPU	Intel® Core™ i3-7100U (2.4GHz)
Memory	16 GB DDR4
Display Size/Type	1 x HDMI, supports 1920x1080 @ 60Hz
	1 x DP, supports 3840x2160 @ 30Hz
Storage	2 x 256 GB SSD
Expansion Slots	1 x Full-size mPCIe slot
Network (LAN)	4 x RJ45
	10/100/1000 Mbps IEEE 802.3u 1000Base-T Fast Ethernet
I/O	4 x RS-232/422/485
	4 x USB 3.0
	-
Power Input (Voltage)	10 ~ 36 V_{DC}
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)
Storage Temperature	40 ~ 85 °C (-40 ~ 185 °F)
Dimensions (W x D X H)	200 x 140 x 40 mm (7.8" x 5.6" x 1.6" in)
Certification	CE, FCC Class A, UL, CCC, BSMI

Ordering Information

ESRP-ACT-UNO2484	Actility ThingPark 3 months evaluation license with Max. 2000 devices, UNO-2484G-7531AE, 16 GB RAM, 2 x 256 GB SSD, Linux OS

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