

Edge Gateway for Azure IoT Hub

EDGE COMPUTING



Edge Gateway for Azure IoT Hub

- Fully integrated with Azure IoT Hub and Azure IoT Edge support
- Azure Device Provisioning Service (DPS) with TPM
- Container Runtime and support for Docker compose file
- Integrated Firewall, Routing, NAT, OpenVPN
- Intel Quad Core Processor, 8 GB RAM, 45 GB free memory
- 4G LTE connectivity

ARTICLE VARIANTS - EDGE GATEWAY 500 SERIES

EG503W	without 4G LTE
EG503L	4G LTE

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PRODUCT FEATURES



Cloud Integration

Seamless cloud integration for decentralized computing and deployment.



4G LTE

LTE standard for high transmission rates and optimal network coverage.



Edge Computing

Easy and scalable system for applications directly at the Edge.



Container Applications

Reliable development of container based applications.



TPM

Integrated Trusted Platform Modul for secure device provisioning and authentication.



Security

Integrated firewall fulfilling highest security standards.



Operating System

Software environment for flexible data processing and storage.



Device Management

Central rollout and management of mass deployments.

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TECHNICAL DETAILS

GENERAL INFORMATION			
Type	Azure IoT Edge Gateway		
Series	EG500		
SOFTWARE			
Container Runtime	Docker cli / Docker compose / Moby Engine / Azure Edge Runtime		
Security	Integrated Firewall / OpenVPN / TPM		
Network	Routing / NAT / 4G LTE Cellular Management / Interface Management		
CONFIGURATION			
Access	CLI access - serial or SSH		
Configuration Export and Import	Network settings, OpenVPN, Azure Configuration, Firewall, Container		
Central Management Software	SMART EMS (in process)		
HARDWARE			
CPU	Intel® Atom™ x5-E3940		
RAM	8 GB		
Free Memory for Container and Data	45 GB		
TPM	TPM 2.0 with TrEE 1.1		
Gigabit Ethernet	3x RJ45		
USB 3.0	4		
Serial	1x RS-232 and 1x RS-485		
POWER SUPPLY			
Input Voltage	12 to 24 V DC		
Connector	4-Pin Terminal Block with Power Switch function		
PHYSICAL CHARACTERISTICS			
Housing material	Steel / Aluminum		
Ingress Protection	IP20		
Dimensions (W x H x D)	110x 90x 30 mm		
Weight	500 g		
Mounting	DIN Rail/Wall Mount		
ENVIRONMENTAL			
Operating temperature range	-20 - +60 °C		
Humidity	5 - 95 %		
ARTICLE VARIANTS			
Model	CELLULAR	SIM- Slots	ANTENNA
EG503W	-	-	-
EG503L	4G LTE	1	2 x SMA (f)