

YOUR ALGOL REQUIREMENTS

Enclosure

IP40 Railway <input type="checkbox"/>	Rack Mount <input type="checkbox"/>	Outdoor IP67 <input type="checkbox"/>
2 Tactile Switches (1 user switch + 1 On/Off)	Front <input type="checkbox"/>	Top <input type="checkbox"/>

Power Supply

EN50155 Compliance <input type="checkbox"/>	24-48V <input type="checkbox"/>	24-110V <input type="checkbox"/>
12-24V <input type="checkbox"/>	Battery Backup <input type="checkbox"/>	PV/Wall Charger <input type="checkbox"/>
Power Supply Redundancy <input type="checkbox"/>		

Base Platform

High Performance GNSS Module (active or passive Antenna)			
eSIM for LTE	Single <input type="checkbox"/>	Dual <input type="checkbox"/>	
Dual-Band 802.11ac 2x2 MU-MIMO Wi-Fi (only with CPU)			<input type="checkbox"/>
Bluetooth 5 (only with CPU)			<input type="checkbox"/>
SD-Card 2GByte High Performance with SLC Flash (only with CPU)			<input type="checkbox"/>
MiniPCIe Rugged SSD (only with CPU)			<input type="checkbox"/>
LoRaWAN Gateway Module (only with CPU)			<input type="checkbox"/>
Remote end-to-end encrypted remote access (only with CPU)			<input type="checkbox"/>

CPU

No CPU (ALGOL-S) - Sensor data storage and transmission over LTE, NB-IoT/M1 or LoRaWAN	<input type="checkbox"/>
Low Power CPU (ALGOL-LS) - Low Power Modes with battery operation possible	<input type="checkbox"/>
High Performance CPU (ALGOL-LF) - Quad Core CPU for Realtime Streaming and Multimedia	<input type="checkbox"/>

Extension Interfaces

Industrial Digital I/O	Inputs	—	Outputs	—
RS232 serial ports	Isolated	—	Non-Isolated	—
RS485 serial ports	Isolated	—	Non-Isolated	—
CAN Bus 2.0 Ports	Isolated	—	Non-Isolated	—
Audio Power Amplifier Channels				
Gigabit Ethernet Switch	Ports	—	PoE	<input type="checkbox"/>
Temperature/Fan Controller				<input type="checkbox"/>
Realtime Video FPGA Module				<input type="checkbox"/>
Stereo Audio	In <input type="checkbox"/>	Out <input type="checkbox"/>		
Video Outputs	HDMI <input type="checkbox"/>	LVDS <input type="checkbox"/>	eDP	<input type="checkbox"/>
Video Input	HDMI <input type="checkbox"/>	HD-SDI <input type="checkbox"/>		

Other Requirements

DISCLAIMER

We make every effort to keep our data sheets and specifications complete and accurate. However, we cannot guarantee that they are completely error-free and therefore accept no responsibility for any errors, omissions or consequences arising from the information contained in this document or any other document supplied with the equipment described herein. Parametric GmbH reserves the right to make changes to its products or specifications at any time without notice.

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