

> PRIVA BLUE ID SX100L



The Priva Blue ID SX100L Compri Gateway is a gateway to Compri hardware from Priva Blue ID based on a robust and low-maintenance industrial PC. The Compri Gateway is suitable for DIN rail mounting in a control panel.

Characteristics

- robust and low-maintenance
- DIN rail mounting in control panel
- Commissioning via TC Engineer
- supports Combined Operation

Robust and low-maintenance

The Compri Gateway is based on a compact and robust hardware platform with low power consumption, specially developed for industrial environments. The hardware unit is a Single Board Computer with a Solid State Disk (SSD); it has a long service life and does not contain a fan. The Compri Gateway, just like all other Priva Blue ID modules, is therefore ideally suited for mounting in a sealed control panel.

DIN rail mounting

The hardware-unit can be mounted on a DIN rail with the supplied mounting plate and DIN rail clip. The ports will then be available at the front. The hardware-unit can be positioned horizontally or vertically on the DIN rail.

Commissioning via TC Engineer

The Compri Gateway is supplied with a pre-installed Linux operating system. This makes it possible to commission the Compri Gateway using the Commissioning wizard in TC Engineer.

Priva Blue ID SX100L Compri Gateway applications

Priva Blue ID SX100L Compri Gateway supports multiple applications at the same time:

- Combined Operation
- BACnet router for Compri HX projects

Combined Operation

Combined Operation makes it possible with TC Manager to jointly visualise and operate a single Priva Blue ID project as a single Compri project.

This is possible by, in TC Engineer, including a Compri Gateway in a Priva Blue ID project and selecting a Compri project. The Compri Gateway then provides access to the Compri project from Priva Blue ID.

BACnet router

The Compri Gateway supports BACnet router functionality for a Compri HX project.

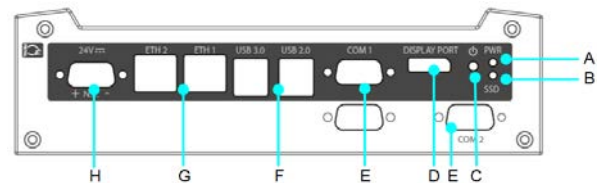
This is possible by, in TC Engineer, including a Compri Gateway in a Priva Blue ID project, selecting a Compri HX project and configuring BACnet. The Compri Gateway then provides access to the Compri HX project for BACnet from Priva Blue ID.

The use of the BACnet router functionality for the Compri Gateway requires a licence.

The Compri Gateway can be used as a standalone BACnet router or in conjunction with Combined Operation.

Components

All functions and indications are on the front.

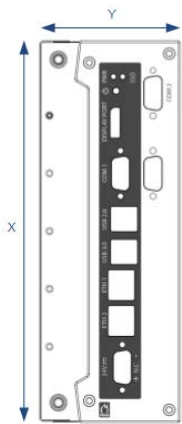


Legend

A	LED for supply voltage
B	LED for SSD activity
C	on/off button (recessed)
D	DisplayPort for monitor
E	COM port (2x RS232)
F	USB ports (2x USB 3.0, 2x USB 2.0)
G	LAN ports (2x RJ45, 10/100/1000Mbps)
H	connection for DC supply voltage

Priva Blue ID SX100L Compri Gateway specifications

General	
Article description	Priva Blue ID SX100L Compri Gateway
Article number	5011005
Operating system	Linux
Dimensions	210 x 65 x 140 mm (8.27 x 2.56 x 5.51 inch)
Weight	2.5 kg
Dimensions of mounting plate (excluding fixing bolts) (XY)	210 x 75 mm (8.27 x 0.30 inches)
Maximum power consumption	19 W
MTBF	158,137 hours (in accordance with MIL-HDBK-217 FN2)
Mounting / positioning	<ul style="list-style-type: none"> horizontally or vertically, can be clicked onto a DIN rail using the supplied mounting plate and DIN clip on a table by means of adhesive rubber feet
Housing material	aluminium
Mounting plate material	aluminium





Dimensions including mounting plate

Processor	
Processor	Intel Atom D2550 (dual core)
Clock frequency	1.86 GHz
Working memory	2 GB DDR3 1066 MHz
Storage memory	60 GB SSD

Connections	
Power supply	10.8 ... 28.8 VDC
Graphics	DisplayPort with maximum resolution 1920 x 1200
Ethernet	2x RJ45 (10/100/1000 Mbps) <i>port ETH2 is not used</i>
Serial	2x RS232 <i>port COM2 is not used</i>
USB	2x USB 3.0 2x USB 2.0

Environment	
Permitted temperature inside control panel during normal operation	0 ... 50 °C
Permitted temperature during transport and storage	-40 ... 85 °C
Permitted ambient relative humidity	95% (at 40°C, non-condensing)
Shock and vibration resistance (working system)	Shock resistance: IEC 60068-2-27 half-sine 11 ms 15 g Vibration resistance: IEC 60068-2-6 10 - 500 Hz, 2 G

Legislation and standards

Canada / USA		<ul style="list-style-type: none"> • UL 60950-1 (information technology equipment) • CSA C22.2 No 60950-1 (information technology equipment)
	EMC	<ul style="list-style-type: none"> • 47 CFR Part 15, Class A • ICES-003, Class A
Europe		<ul style="list-style-type: none"> • General Product Safety Directive 2001/95/EC • Low Voltage Directive 2006/95/EC • EMC Directive 2004/108/EC: <ul style="list-style-type: none"> • EN 61000-6-2:2005 (generic immunity standard) • EN 61000-6-4:2007 (generic emission standard) • EN 60950-1:2006 and A11:2009 and A1:2010 (safety for information technology equipment)

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Your Priva partner:

See www.priva.com for contact information of a Priva office or partner for your region.

