



Smart Box SBO-2000

Designed for IoT applications that require large computing capabilities, combines small size and reduced costs ensuring expandability through the internal connector M.2.

Equipped with AGSuite Edge, it ensures the implementation of remote managed IoT infrastructures without the need for further integration.



Processor: ARMv8 Cortex A53 64bit 4core – 1.8GHz

Memory:

RAM: 4GBytes LPDDR4@3733mbps
FLASH: 32GBytes eMMC 5.1

Interfaces:

n.1 Gbit Ethernet native
n.1 WiFi 802.11ac dual band
n.1 USB2.0
n.1 GPU 2D/3D
n.1 Lettore SD Card SD / SDHC / SDXC

Internal features:

M.2 KEY B connector

Dimension:

115x36x65mm

Power Supply:

Switching power supply (opt POE)

AGSuite Edge functionalities

IoT protocols:

Modbus TCP / RTU
MQTT
WebSocket
OPC-UA
ONVIF
LwM2M
CAN bus^(*)
W-mbus^(*)
LoRa Gateway, Network server e
Application server^(*)

^(*) available on request

^(*) specific USB dongle required

Management of events, push notification, video storing.

Extendable with Java applications.

Certifications:

EN55032: 2015 + A11: 2020
EN55035: 2017 + A11: 2020
EN IEC 61000-3-2: 2019
EN 61000-3-3: 2013 + A1: 2019
EN 55032: 2015 +A11: 2020 / EN 55035: 2017+A11: 2020
EN IEC 61000-3-2: 2019 / EN 61000-3-3: 2013+A1: 2019
ETSI EN 301 489-1 V2.2.3: 2019
ETSI EN 301 498-3 V2.1.1: 2019
ETSI EN 301 489-17 V3.2.4: 2020 ETSI EN 300 328 V2.2.2: 2019
ETSI EN 300 440 V2.2.1: 2018
ETSI EN 301 893 V2.1.1: 2017
EN IEC 62311: 2020, EN 50665: 2017 EN 62368-1: 2014 + A11: 2017



SBO-2000 can be supplied with different combinations of interfaces to best fit the individual project requirements.

