

BM2440 specialized electronic computing machine

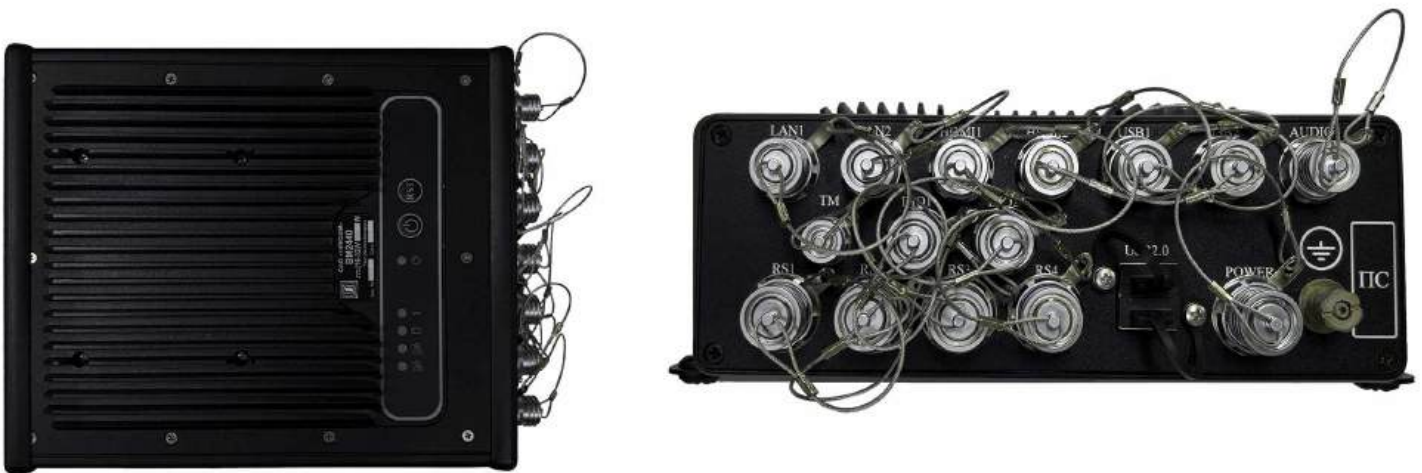
APPOINTMENT:

The BM2440 computer is designed as a system unit with air (fanless) cooling. Designed for installation in various vehicles.

The product remains operational under the influence of precipitation, high humidity, high (low) atmospheric pressure, solar radiation, static and dynamic dust in a wide temperature range (from minus 40°C to plus 50°C).

The product is operable when exposed to sinusoidal vibration (amplitude up to 5g), single (up to 100g) and multiple (up to 15g) impacts, rocking, salt fog, mold fungi and other external factors.

BM2440 can be placed in industrial workshops exposed to aggressive environments.



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/////// SPECIFICATIONS:

Calculating machine:	
- processor type	i3-i7, Celeron 6305E
- RAM	8 Gb
- SSD	512 Gb
- video controller	integrated into the chipset
- software compatibility	Windows, Linux
Interfaces	
	USB – 4 channels
	Ethernet 10/100/1000 – 2 channels
	RS-232/422/485 – 4 channels
	mic/line input
	audio output (stereo)
	possibility to install 3 modules M.2 (NGFF)
Power supply	
supply voltage	16–32 V (~230 V via voltage converter BME008)
battery	10 A/h
power consumption	no more than 100 W
battery continuous operation time under normal conditions	no more than 5 hours
Weight	no more than 3,8 kg
Dimensions	245 × 231 × 91 mm
Operating conditions	
- operating ambient temperature	– 40°C ... +50°C (– 20°C when operating from the battery)
- limiting ambient temperature	– 50°C ... +60°C
- interference	single – 100g, (1–5) ms; multiple – 15g, (5–10) ms
- sinusoidal vibration	(1–80) Hz, 4g
- high air humidity	up to 100% at +35°C
- atmosphere pressure	60...107 kPa
- pitching and tilting	±45° (7 – 16) s
	long-term (without time and angle limit) slopes
- salt fog	+