

BM2417.M1 system module

APPOINTMENT:

BM2417.M1 is a computer designed as a system unit. Designed for installation in various vehicles. Maintains performance when exposed to high humidity, high (low) atmospheric pressure, solar radiation, salt fog, in a wide temperature range (from minus 10°C to plus 55°C).

The product is operable when exposed to sinusoidal vibration (amplitude up to 2g), single (up to 60g) impacts, rocking, salt (sea) fog, mold fungi and other external factors.

It can be placed in industrial shops, under the influence of aggressive environments.



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/////// SPECIFICATIONS:

Calculating machine:	
- processor type	i3-i7, 4-11 generations
- RAM	4-32 GB
- SSD	32Г GB - 1 TB
- video controller	integrated into the chipset
- software compatibility	Windows, Linux
Interfaces	
	USB – 8 channels
	Ethernet 10/100/1000 – 2-5 channels
	RS-232/422/485 – 1/3/1 channel(s)
	DVI – 2 channels
	SVGA – 1 channel
	PS/2 – 1+1 (keyboard + GUI module)
	Module of specialized interfaces (MSI) – 48 discrete inputs/outputs
	Multiplex Information Exchange Channel Module – 4 redundant channels
	Radar adapter – 2 modules – 2 × 90 digital inputs/outputs, 2 × 4 analog inputs
	Hardware-software module of reliable loading – "Sobol"
Power supply	
- supply voltage	~ 230 V (50 Hz)
- power consumption	no more than 200 W
Weight	
	12.5 kg
Dimensions	
	222 × 312 × 285 mm
Operating conditions	
- operating ambient temperature	– 10°C ... +55°C
- limiting ambient temperature	– 50°C ... +70°C
- interference	single – 60g, (0,5–2) ms
- sinusoidal vibration	(5–200) Hz, 2g
- high air humidity	up to 98% at +35°C
- atmosphere pressure	70...107 kPa
- pitching and tilting	±45° (7 – 16) s long-term 15° (5 min) and short-term 30° (3 min)
- salt fog	+