NIIEVM

BM2433 electronic panel computer

APPOINTMENT:

BM2433 electronic panel computer is a special-purpose panel computer in a monoblock design with a touch screen and a USB compartment on the front panel, designed for use in information processing systems on stationary and mobile objects with harsh operating conditions.

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
Display	
- screen diagonal	21,5"
- resolution (pixels)	1920 × 1080
	protective glass

Interfaces	
	USB – 4 channels
	Ethernet 10/100/1000 – 2 channels
	RS-232/422/485 – 4 channels
	HDMI – 2 channels
	Вывод ТС графической подсистемы верхнего уровня – 4 ка
	канал видео, 8 каналов аудио
	mic/line input
	acoustic system

Power supply	
supply voltage	18–32 V (~230 V via voltage converter BME008)
power consumption	no more than 200 W
Weight	9,9 kg
Dimensions	535 × 358 × 128 mm
Operating conditions	
- operating ambient temperature	– 50°C … +60°C
- 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 98% 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	+