

BM2455 personal tablet computer

APPOINTMENT:

BM2455 is a portable computer designed as a tablet. Designed for operation in the field under the influence of precipitation, high humidity, high (low) atmospheric pressure, solar radiation, static and dynamic dust in a wide temperature range (from minus 50°C to plus 55°C).

The product can be used as a universal calculator installed in various vehicles.

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.

The tablet can be placed in industrial shops, exposed to aggressive environments.



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/////// SPECIFICATIONS:

Calculating machine:	
- processor type	i5-8365UE
- RAM	8 Gb
- SSD	256 Gb - 1 pcs., 1 Tb - 1 pcs.
- video controller	Intel UHD Graphics 620
- software compatibility	Windows, Linux, QNX
Display	LCD
- screen diagonal	8,4"
- resolution (pixels)	1280 × 800
- Touch Screen	projection-capacitive
Interfaces	
	USB – 2 channels
	Ethernet 10/100/1000 – 1 channel
	RS-232/422/485 – 4 channels
	HDMI – 1 channel
	CAN – 1 channel
	MKIO (GOST P 52070-2003) – 2 redundant channels
	discrete
	possibility to install 3 modules M.2 (NGFF)
	discrete input – 8 channels
Power supply	
supply voltage	16–32 V
power consumption	no more than 100 W
Weight	4,5 kg
Dimensions	255 × 187 × 70 mm
Operating conditions	
- operating ambient temperature	– 50°C ... +55°C
- limiting ambient temperature	– 65°C ... +70°C
- interference	single – 75g, (1–5) ms; multiple – 20g, (5–10) ms
- sinusoidal vibration	(1–500) Hz, 6g
- high air humidity	up to 100% at +35°C
- atmospheric condensed precipitation	+
- atmosphere pressure	60...107 kPa
- static dust (concentration – circulation rate)	(5 ± 2) g/m ³ – (0,5–1) m/s
- salt fog	+