

# BM2307.M1 personal tablet computer

## APPOINTMENT:

BM2307.M1 personal tablet computer is a full-function personal computer with a 10-inch touch screen and eight function keys and has integrated terrain orientation facilities. BM2307.M1 is a rugged product with an aluminum alloy housing.

This design makes it possible to operate the product in harsh conditions: outdoors, indoors, in bodies on wheeled and tracked chassis, with attachment through a vibration-unloading stand, on railway transport, both on stationary and on mobile coastal and sea-based objects.



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## //// //// //// //// //// //// //// SPECIFICATIONS:

<b>Calculating machine:</b>	
- processor type	i3-i7, 4-11 generations
- RAM	4-32 GB
- SSD	32 GB -1 TB
- video controller	integrated into the chipset
- software compatibility	Windows, Linux
<b>Display</b>	
- screen diagonal	10,1"
- resolution (pixels)	1280 × 800
- Touch Screen	resistive
- automatic LCD brightness adjustment	depending on external lighting
<b>Interfaces</b>	
	USB – 1-4 channels
	Ethernet 10/100/1000 – 1 channel
	RS-232/422/485, 1-4 channels
	mic/line input
	audio output (stereo)
	the ability to install one mini PCIe module
<b>Embedded devices</b>	
- navigation receiver	NAVSTAR/GLONASS
- stereo sound	2 × 3 Bt
- camcorder	from 2 MP
<b>Power supply</b>	
- supply voltage	16–32 V (~ 230 V via BME006 voltage converter)
- built-in battery	18 Ah
- power consumption	no more than 100 W
- time of continuous operation from the battery under normal conditions	at least 5 hours
<b>Weight</b>	3.7 kg
<b>Dimensions</b>	208 × 290 × 57 mm
<b>Operating conditions</b>	
- operating ambient temperature	– 40°C ... +60°C (–20°C when running on battery)
- limiting ambient temperature	– 45°C ... +70°C
- interference	single – 100g, (1–5) ms; multiple – 15g, (5–10) ms
- sinusoidal vibration	(1–80) Hz, 4g
- atmospheric precipitation (intensity)	(5 ± 2) mm/min
- static dust (concentration - circulation rate)	(2 ± 1) g/m <sup>3</sup> – (0,5–1) m/s
- high air humidity	up to 100% at +35°C
- atmosphere pressure	60...107 kPa
- pitching and tilting	±45° (7 – 16) s long-term 15° (5 min) and short-term 30° (3 min)