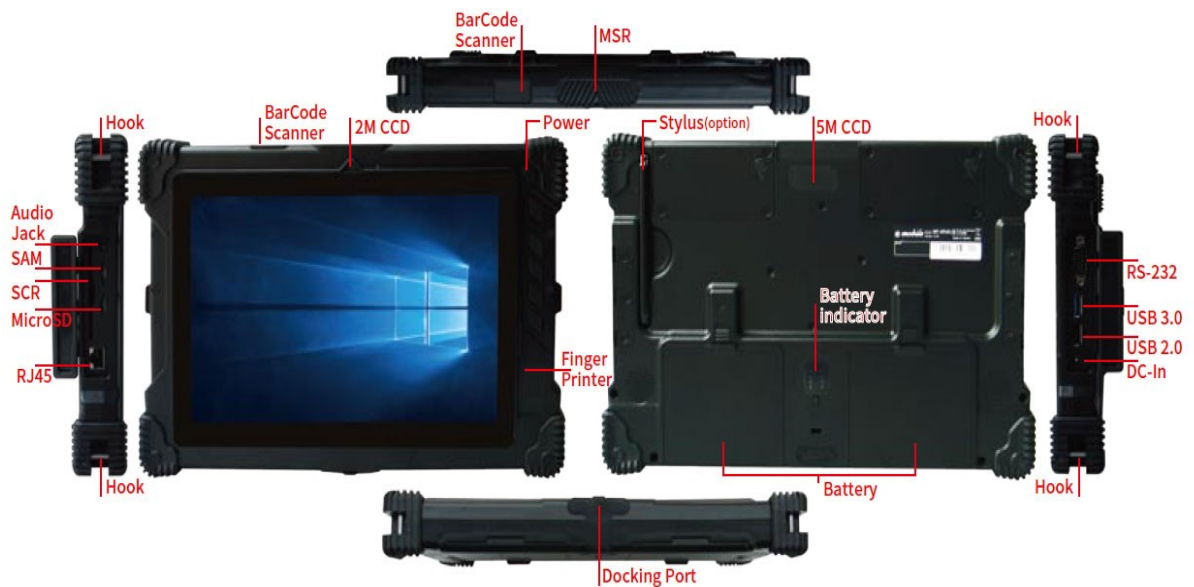


Teknisk specifikation I-Mobile IB-10

System		Power	
CPU	Intel® Bay Trail-M Quad Core N2930 1.83/2.16GHz	AC/DC	Input AC: 100~240V Output DC: 16V / 4A
Memory	1 x 204-pin DDR3L SO-DIMM Socket support up to 8GB	Battery Pack	External 3S1P(3 cell) x 2 pack, DC 10.8V/ 3400mAh x 2 Support Swap
Storage	mSATA SSD 32G up to 512G	Physical	
Operating System	Windows® Embedded 7 Standard / Linux Windows® Embedded 7 Professional Windows® Industry Pro 8.1 Windows® 10 IoT Enterprise 2016 LTSC for Small Tablets		
Display	TFT LCD 10.1 inch Touch type: Capacitive type Backlight Type: LED Display Resolution: 1280 x 800 Luminance: 700 nits Sunlight readable	Dimen- sions	306 x 206 x 40 (mm)
Network Interface	Integrated WLAN 802.11 a/b/g/n/ac 2.4/5G Dual Band, Integrated Blue Tooth 4.0	Weight	1.5Kg with batteries
Data Security	TPM 1.2	Accessories	
Control Switch and Buttons	1 x Power on/off button 1 x Barcode Scanner trigger button 1 x Function Key button (default on/off control WIFI, BT, 3G, GPS) 3 x Function Keys (user define)		
Indicator	1 Power / 1 SSD / 1 Battery status LED	Included	Shoulder strap
Speaker & Microphone	Built-in speaker & microphone	Optional	Docking station: 4 x USB, 1 x RS-232, 1 x VGA, 1 x RJ45, 1 x DC in, Earphone, Microphone Hand strap R Vehicle & Wall mount: Standard VESA & DC in 12V~36V vehicle adapter, Stylus, 2 bay battery charger
Interfaces		 	
USB	1 x USB 2.0, 1 x USB 3.0		
DC Jack	1 x DC Power input (16V / 4A)		
RS-232	1 x DB-9 RS232 Full function connector		
Micro SD	1 x Micro Secure Digital (SD) card slot		
Expansion Docking PORT	1 x 16 pin docking connector (Interface include Power, USB , Audio)		
RJ45	1 x 10/100/1000 Ethernet, Support POE (Power-Over-Ethernet applications up to 25.5W)		
SIM Socket	1 x Micro SIM socket		
Audio Jack	1 x Ø3.5mm, Audio Line out / Microphone		

Temperature and environmental specifications I-Mobile IB-10

Operating Temperature	-10°C (14°F) to +50°C (122°F)		Operating
Storage Temperature	-20°C (-4°F) to 70°C (158°F)		Non-operating
Dust Protection	IP6x (dust)	IEC 60529 13.4 test Edition 2.1 2001-2	Non-operating
Water Protection	IPx5 (water)	IEC 60529 14.1/14.2.5 test Edition 2.1 2001-2	Non-operating
Vibration	5 Hz to 500Hz 2g/5g rms20Hz to 2000 Hz 7.69g rms	MIL-STD-810G-514.6,E-2 Sine	Non-operating
Drop Test	Drop Height: 1200mm Drop Onto: 4 corner, 4 Edges, 2 Faces	MIL-STD-810G-514.6,E-1 Random	Non-operating
Regulatory	CE / FCC / FCC ID / EN 60950-1 2005		



Option Functions I-Mobile IB-10

WWAN	WCDMA R99 : maximum data rate of 384 kbps HSDPA : Downlink Category 8 (7.2 Mbps) or 10 (14.4 Mbps) HSUPA : E-DCH data rates of up to 5.76 Mbps for 2 ms TTI (UE category 6) uplink GSM R99 : Supports CS SMS GPRS : CS schemes – CS1, CS2, CS3, and CS4 CDMA 1xEV-DO : High-speed peak data rates of 3.1 Mbps on the downlink and 1.8 Mbps on the uplink CDMA 1x : Supports up to 153.6 kbps data throughput on both forward and reverse links
GPS	High performance positioning engine. Support 56 channels. GPS L1 Frequency, C/A code. SBAS: WAAS/ EGNOS/MSAS
Camera	Front (2M) & rear (5M) dual CMOS Camera
Bar code scanner 1D or 2D (UART Interface)	Sensor: CMOS sensor with 640 x 480 pixel resolution Typical frame rate: 30 frames per second Field of View: Horizontal: 37.8°, Vertical: 28.8° Scan Angles: Tilt: 360°, Pitch: ± 45°, Skew: ± 45° Symbol Contrast: 35% minimum print contrast ratio 1D Symbolologies: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended coupon Code, Coupon GS1 Code 32(PARAF), EAN-UCC Emulation, GS1 Data bar 2D Symbolologies: 2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF417 2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible(Han Xin) code Postal Codes: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet
MSR (USB Interface)	Media formats : ISO 7811, AAMVA, and other F2F formats Swipe speed: 7 to 150 cm per second, bi-directional Operating Life : 1,000,000 cycles minimum
Smart card reader	Operates ISO 7816 microprocessor or memory card Transfer rates: 9600 to 115200 bps Operating Life: 1,000,000 cycles minimum
Finger Print	TECTC1 256x360 pixels, 508dpi, 18mmx12.8mm image area HF RFID : 13.56 MHz Mifare DESFire Reader / ISO 15693 UHF RFID: 860– 960 MHz