

25,7 cm (10,1") 16:10 Industrial Tablet PC Intel® N2930 (Bay Trail)

- **Type designation: M101B**
- 1920 x 1200 PCAP multi-touch
- Windows 7 / 8.1 / 10
- IP65 water and dust proof
- shock, vibration and drop protected (MIL-STD-810G)
- WLAN, Bluetooth, GPS
- optional barcode or RFID
- 5 MP main / 2 MP web cam
- 5140 or 10280 mAh hot-swappable battery
- 2 user-defined function keys
- aluminium housing



SYSTEM

CPU (Intel® Mobile)	Celeron® N2930 (4 x 1,83 GHz)
System memory	4 GB (max. 8 GB) DDR3L-1600
Solid-state drive	64 GB (max. 256 GB) mSATA MLC
Operating systems	Windows 10 IoT Enterprise Windows Embedded 8.1 Industry Pro Windows Embedded Std. 7 (WS7P) Windows 7 Pro for Embedded Systems Linux Ubuntu 16.04
Security	Computrace theft protection support, TPM 1.2, user / HDD password lock

POWER

Battery	5140 mAh Li-poly battery, 7,4 V optional 10280 mAh Li-poly battery, 7,4 V optional hot-swappable (internal extra battery)
Battery life (max.)	8 h, optional 16 h (min. brightness) varies depending on usage conditions
Power input	12~19 V _{DC}
Power supply	19 V _{DC} external, 100–240 V _{AC} (incl.)

WIRELESS COMMUNICATION

WLAN	IEEE 802.11a/b/g/n
Bluetooth	4.0 dual mode (classic + low) Class 1
GPS	U-Blox Neo-6Q

DATA CAPTURE

Main camera (rear side)	5 MP, autofocus, 1 W LED flash
Webcam (front side)	2 MP
Barcode	optional 1D/2D barcode reader or ...
RFID	optional HF RFID reader

INTERFACES (BEHIND RUBBER PROTECTOR)

30-pin combo connector	RJ-45 or RS-232
USB	1 x USB 3.0
Card slot	1 x Micro SD
Graphic	1 x Micro HDMI
Audio combo connector	line-out or mic-in

LCD

25,7 cm (10,1") 16:10	1920 x 1200 (700 cd/m ² , 800:1)
Touchscreen	Projected capacitive multi-touch, min. 4-point

CONSTRUCTION

Dimensions (W x H x D)	271,8 x 197,2 x 19 mm
Weight	1,2 kg / 1,4 kg (high cap. battery)
Material	aluminium
Security	Kensington lock slot

CONTROLS, SENSORS, AUDIO, I/O

Control buttons	power, home, volume +/-, 2 x function key (user-defined)
Control LEDs	power, battery, HDD, RF
Sensors	light sensor, G sensor, gyrometer, e-compass
Audio	2 x 1 W speaker (rear side), built-in microphone (front side)
Touch pen	capacitive stylus

QUALITY / TESTS

Operating temperature	-20° C to 60° C (AC mode) -10° C to 50° C (battery mode)
Operating humidity	10 % to 90 % non condensing
Ingress protection	IP65
Shock	MIL-STD-810G M. 516.6, Procedure I
Vibration	MIL-STD-810G M. 514.6, Procedure I
Drop (free to concrete)	MIL-STD-810G M. 516.6 (4 feet)
Certifications	CE, FCC, UL60950, EN60601
Warranty	24 months

ACCESSORIES (OPTIONAL)

- 30-pin connector cables: RJ-45 or RS-232
- Docking stations: office docking station, vehicle docking station
- VESA mounting kit
- Power: car power charger, high capacity battery
- Hand and shoulder straps, carry bag

