

20,3 cm (8") Vehicle Mounted Computer Intel® Atom™ E3845 (Bay Trail)

- **Produktankündigung für Q1 2017**
- Bereit für Fahrzeug- / Gabelstapler-Einbau (10–60 V_{DC} Eingang, erweiterter Temperaturbereich, Montagezubehör etc.)
- Vor Ort wechselbare Fronteinheit (reduziert Serviceaufwand und Ausfallzeiten)
- Schutz gegen Staub und Wasser (IP65)
- Schock- / vibrationsfestes Gehäuse aus Magnesium-Legierung (MIL-STD-810G)
- Windows 10 IoT / 8.1 / 7
- WLAN, Bluetooth, GPS, optional 3G / 4G
- SMA-Anschluss für externe Antenne
- Kratzfester resistiver Touch (Finger & Stift)



Computer + Docking

Docking



Computer-Einheit mit QWERTY-Tastatur, 10 programmierbaren Funktionstasten und Ziffernblock

SYSTEM

CPU (Intel® Mobile)	Atom™ E3845 (4 x 1,91 GHz)
System memory	4 GB (max. 8 GB) DDR3L-1600
Solid-state drive	64 GB (max. 256 GB) M.2 MLC
Operating systems	Windows 7 Pro for Embedded Systems Windows Embedded Std. 7 (WS7P) Windows Embedded Compact 7 (CE) Windows Embedded 8.1 Industry Pro Windows 10 IoT Enterprise

POWER

Battery	3800 mAh Li-polymer 7,4 V (2S1P)
Power input	Computer 12 V _{DC} Docking 10–60 V _{DC} with isolation power and ignition control

WIRELESS COMMUNICATION

WLAN	IEEE 802.11a/b/g/n/ac
Bluetooth	Bluetooth 4.0
GPS	U-Blox Neo-6Q (at the docking)
WWAN	optional 4G (LTE, HSPA+, GSM/GPRS/EDGE, EV-DO Rev A, 1xRTT) or Optional 3G (HSPA+, GSM/GPRS/EDGE)

INTERFACES COMPUTER

USB	1 x USB 3.0
Card slots	1 x SD, 1 x SIM

INTERFACES DOCKING

Serial	COM1, COM2
USB	1 x USB 2.0
LAN port (PoE)	1 x 400 Mbps LAN port PoE as a Power sourcing equipment (PSE) support 802.3at Type 2
CANBUS / AUDIO	1 x CANBUS / AUDIO
SMA connector	for external antenna (WLAN, GPS, WWAN (optional))

LCD

20,3 cm (8") 16:9	1024 x 480 (500 cd/m ²)
Viewing angle	–80~80 ° / –80~80 ° (H / V)
Touchscreen	Anti scratch resistive touch and support for finger touch and stylus

DATA CAPTURE

Camera	front side	2 MP (Win. 7 Pro / 8.1 / 10 IoT only)
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CONTROLS, SENSORS, AUDIO, I/O

Control buttons	Power, 10 x function key (F1–F10 user programmable)
LED indicators	Power, WLAN, Bluetooth, battery, HDD, blanking, heater
Reading light	bottom side (at the docking)
Light sensor	front side
Audio	2 x 3 W speaker (at the docking) 2 x microphone
Touch pen	Stylus kit

CONSTRUCTION

Dimensions (W x H x D)	268 x 214 x 32 mm (computer) 202 x 245 x 52 mm (docking)
Weight	1,6 kg (computer) + 1,6 kg (docking)
Material	Magnesium alloy
Mounting	VESA 75 x 75 / 100 x 100 mm optional RAM mounting kit
Security	Key lock + release latch (docking), Kensington lock (computer)
Cooling	fanless

QUALITY / TESTS

Operating temperature	–30 °C to 50 °C
Operating humidity	5 % to 95 % RH, non-condensing
Ingress protection	IP65
Shock	MIL-STD-810G M. 516.6, Procedure I
Vibration	MIL-STD-810G M. 514.6, Procedure I
Warranty	24 months

Version 170206

Irrtümer und Änderungen vorbehalten

