


Data Sheet Pad-Ex[®] 01 HR


Windows-Tablet-PC



ATEX

 Ⓢ II 3G Ex ic IIC T4 Gc IP64
 Ⓢ II 3D Ex ic IIIB T135°C Dc IP64
 Ambient Temperature: -10 °C ≤ Ta ≤ +55 °C

IECEX

 Ex ic IIC T4 Gc IP64
 Ex ic IIIB T135°C Dc IP64
 Ambient Temperature: -10 °C ≤ Ta ≤ +55 °C

NEC & CEC

 Class I, Division 2, Group A-D, T4
 Class I, Zone 2, Group IIC T4
 Ambient Temperature: 14 °F ≤ Ta ≤ +131 °F

Technical Data

Rugged features	<ul style="list-style-type: none"> IP65 Drop MIL-STD 810 G 516.6 Procedure IV 6 drops from 4 feet height to plywood over concrete Vibration MIL-STD 810G 514.6 Procedure I Cat. 24, Fig. 514.6E-1
Environment	<ul style="list-style-type: none"> Operating Temperature: -10°C bis +55°C Operating Humidity: 5 % bis 95 % Operating Altitude: 15.000 feet
Operating System	Windows 10 Pro (64 Bit)
CPU	Intel Broadwell i5 (5200 U) / Optional Intel Broadwell i7 (5500 U)
Memory	1x DDR3L socket for 4GB / 8GB / 16GB
Storage	M2-SATA SSD 128GB / 256GB / 512GB
Display	• 11,6-Zoll-HD (1920x1080)-LCD-Panel • Capacitive Multi-touch • Optical Bonding Sunlight Readable
Sensor	Built-in G sensor, Gyroscope and E-Compass, Light Sensor
Audio	1 x Speaker / 70 dB 1 x Microfon
Camera	<ul style="list-style-type: none"> 2-MP Front Facing Camera 5-MP Rear Camera with audio focus and 1.500 mcd LED flashlight Optional Non-Kamera version possible
Communication	WWAN LTE + GPS Combo (US & EU) + Intel Wireless AC7260 802.11 a/b/g/n/ac + Bluetooth 4.0 Class 1
Data Collection	Optional 1D / 2D Barcode Scanner
VO Ports	• Two USB 3.0 • One Headphone out / Mic-in jack • One Docking Connector • One Expansion Connector for Expansion Modules • Two RF pass-through connectors for WWAN & GPS
Expansion Slots	One Micro SD card slot support SDHC/SDXC • One SIM card slot for WWAN data communication
Button	• Power • Volume • Windows Touch button • Barcode / Camera Touch Button • Programmable Touch Button
Battery	<ul style="list-style-type: none"> One 3950 mAh Li-Polymer battery pack: 7hrs* Optional (spare part) 7800 mAh Li-Polymer battery pack: 14hrs*
AC-Adapter	19V, 3.42A; 65W
Dimension / Weight	298.5 mm x 192 mm x 20 mm / 1.2 kg