

Data Sheet Pad-Ex® 01 P8 DZ2

Windows-Tablet-PC



ATEX



⊕ II 3G Ex ic IIC T4 Gc IP64
 ⊕ II 3D Ex ic IIIB T135°C Dc IP64

IECEX



Ex ic IIC T4 Gc IP64
 Ex ic IIIB T135°C Dc IP64

SGS



Northern America:
 Class I, Division 2, Groups A-D, T4
 Class I, Zone 2, Group IIC T4

Pending!

Japan

Ex ic IIC T4 Gc

Pending!



Technical Data

Rugged features	<ul style="list-style-type: none"> IP65 MIL-STD 810G certified (drop, shock, vibration, altitude, freeze/thaw, high/low temperature, temperature shock, humidity) MIL-STD 461F certified ANSI/ISA 12.12.10-2000, Class I Division 2
Environment	<ul style="list-style-type: none"> Operating Temperature: -10°C ... +55°C Operating Humidity: 5 % to 95 % Operating Altitude: 15,000 ft (approx. 4572 m)
Operating System	Windows® 10 Pro (64 Bit)
CPU	Intel® Core™ i5-8250U (8th Gen.) 1.6GHz processor with Turbo Boost Technology up to 3.4GHz, 6MB cache
Memory	One DDR4 socket for 8 GB
Storage	M2-SATA SSD 256 GB (extended temperature range)
Display	• 29.46 cm / 11.6" (1920 x 1080) FHD LCD Panel • Capacitive Multi-Touch • Optical, sunlight-readable display
Audio	Speaker x1 / 70dB Microphone x1
Camera	<ul style="list-style-type: none"> 2-MP front facing camera 5 MP rear camera with flashlight
Communication	<ul style="list-style-type: none"> WWAN LTE + GPS Combo (optional) Intel Wireless AC9260 802.11 a/b/g/n/ac Bluetooth® 5.0
Data Collection	Optional 1-D / 2-D 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 and GPS
Expansion Slots	One microSD card slot support SDHC and 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 3,950 mAh Li-Polymer battery pack: 7hrs Optional (spare part) 7,800 mAh Li-Polymer battery pack: 14hrs
AC-Adapter	19V; 3.42 A; 65 W
Dimension / Weight	298 mm x 192 mm x 20 mm / 1.2 kg