

Data Sheet Pad-Ex® 01 P8 DZ2

Windows-Tablet-PC



ATEX



Pending!

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

IECEX



Pending!

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

CSA



Pending!

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



Technical Data	
Rugged features	- 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	- 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 8th Generation
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	2-MP front facing camera 5 MP rear camera with flashlight
Communication	- 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	- 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

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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