

# Data Sheet Pad-Ex<sup>®</sup> 01 P8 DZ2

## Windows-Tablet-PC



### ATEX



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

Pending!

### IECEX



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

Pending!

### CSA



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

Pending!



## Technical Data

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