

# Data Sheet Pad-Ex® 01 P8 D2

## Windows-Tablet-PC



Class I, II, III, Division 2, Groups A-G, T4, 135°C  
 Class I, Zone 2, Group IIC T4  
 Ta = -10°C to +55°C



Technical Data	
<b>Rugged features</b>	<ul style="list-style-type: none"> <li>IP64 according to EN/IEC 60079-0 (ATEX/IECEX)</li> <li>IP65 according to EN/IEC 60529 (industrial standard)</li> <li>MIL-STD 810G certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity)</li> <li>MIL-STD 461 certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility)</li> <li>ANSI/ISA 12.12.01-2000, Class I, Division 2</li> <li>4' drop 26 faces</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>Operating Temperature: -10°C - 55°C (14°F - 131°F)</li> <li>Storage Temperature: -10°C - 55°C (14°F - 131°F)</li> <li>Operating Humidity: 5% to 95%</li> </ul>
<b>Operating System</b>	Windows® 10 Pro (64 Bit)
<b>CPU</b>	Intel® Core™ i5-8250U (8th Gen.) 1.6GHz processor with Turbo Boost Technology up to 3.4GHz, 6MB cache
<b>Memory</b>	One DDR4 socket for 8 GB
<b>Storage</b>	M2-SATA SSD 256 GB (extended temperature range)
<b>Display</b>	<ul style="list-style-type: none"> <li>29.46 cm / 11.6" (1920 x 1080) FHD LCD Panel</li> <li>Capacitive Multi-Touch</li> <li>Brightness: 1000 cd/m<sup>2</sup> (nit)</li> <li>Optical, sunlight-readable display</li> </ul>
<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® 5.0</li> </ul>
<b>Data Collection</b>	Optional 1-D / 2-D barcode scanner
<b>I/O Ports</b>	<ul style="list-style-type: none"> <li>Two USB 3.0 (Type A) • One headphone out / mic-in jack • One docking connector</li> <li>One expansion connector for expansion modules • Two RF pass-through connectors for WWAN and GPS</li> </ul>
<b>Expansion Slots</b>	One microSD card slot support SDHC and SDXC • One SIM card slot (standard SIM card) 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

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