Data Sheet Pad-Ex® 01 P8 DZ2

Windows-Tablet-PC

ATEX	⟨Ex⟩ II 3G Ex ic IIC T4 Gc IP64 ⟨Ex⟩ II 3D Ex ic IIIB T135°C Dc IP64 Ta = -10°C to +55°C	**Inmetro** (Brazil)	Ex ic IIC T4 Gc Ex ic IIIC T135°C Dc Ta = -10°C to +55°C
IECEx	Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64 Ta = -10°C to +55°C	**China**	Ex ic IIC T4 Gc Ex icD 22 T135
SGS	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	**EAC**	2Ex ic IIC T4 Gc X Ex ic IIIC T135°C Dc X Ta = -10°C to +55°C
Japan	Ex ic IIC T4 Gc Ta = -10°C to +55°C	**ECAS Ex**	Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64

Also certified for use in: Mexico, Morocco and Singapore

Technical Data	
Rugged features	▪ IP64 according to EN/IEC 60079-0 (ATEX/IECEx) ▪ IP65 according to EN/IEC 60529 (industrial standard) ▪ MIL-STD 810G certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity) ▪ MIL-STD 461 certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility) ▪ ANSI/ISA 12.12.01-2000, Class I, Division 2 ▪ 4‘ drop 26 faces
Environment	▪ Operating Temperature: -10°C - 55°C (14°F - 131°F) ▪ Storage Temperature: -10°C - 55°C (14°F - 131°F) ▪ Operating Humitidy: 5% to 95%
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 • Brightness: 1000 cd/m² (nit) • 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 (Type A) • One headphone out / mic-in jack • One docking connector • One expansion connector for expansion modules • Two RF pass-through connerctors for WWAN and GPS
Expansion Slots	One microSD card slot support SDHC and SDXC • One SIM card slot (standard SIM card) 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