

SPECIFICATIONS

Physical Characteristics

Form Factor	2-in-1 rugged tablet with friction hinge rugged keyboard option
Dimensions	Tablet: 12.1 in. W x 8.9 in. L x 0.6 in. H 308 mm W x 225 mm L x 16 mm H Tablet with keyboard: 12.1 in. W x 9.6 in. x 1.1 in. H 308 mm W x 244 mm L x 29 mm H
Weight	Tablet (with standard battery): 2.8 lbs/1.3 kg
Display	12 in. 3:2 QHD (2160 x 1440) — 800 nits Sunlight readable Corning Gorilla Glass Anti-reflective (AR)/Anti-Smudge screen treatment Night-vision mode
Touchpanel	Capacitive 10-point multi-touch; Glove and Wet modes; MPP 2.0 active pen compatible
SIM Slots	ET85 configurations only: Two SIM: (1) Nano SIM (4FF) and (1) eSIM
Interface Ports and Expansion	(1) USB-C USB 3.2 Gen2, USB-PD charging, USB DisplayPort (2) USB 3.2 Gen2 Type A ports Expansion connector for available 10/100/1000 Ethernet and DB9 true serial ports WWAN, WLAN and GNSS Antenna pass through Keyboard and docking connectors Optional docking solution may be configured with: (2) USB 3.0/2.0 Type A (2) USB 2.0 Type A (2) HDMI Type A (3) 10/100/1000 Ethernet RJ45; power in
Notifications	Charging, camera and battery indicators
Audio	Stereo front facing speakers; (2) front facing microphones; (2) rear facing microphones; audio headset supported in USB-C and USB-A ports

Buttons	Volume up/down button; power on/off button; barcode scanner button (user definable in configurations without the barcode reader)
Keyboard	Available detachable friction hinge rugged keyboard with standard sized keys; precision multitouch touchpad with two physical click buttons; adjustable color backlighting; waterproof IP65; (6) programmable keys including emergency key

Performance Characteristics

CPU	11th generation Intel® Core™ i7-1180G7 vPro(R) processor 11th generation Intel® Core™ i5-1140G7 vPro(R) processor 11th generation Intel® Core™ i5-1130G7 processor
Operating System	Windows® 10 Professional 64-bit Windows® 10 IoT Enterprise 64-bit ²
Memory	8 GB or 16 GB LPDDR4x-4266
Storage	128 GB, 256 GB or 512 GB tool-less user removable PCIe SSD

User Environment

Operating Temp.	-4° F to 140° F/-20° C to 60° C
Storage Temp.	-22° F to 158° F/-30° C to 70° C
Humidity	5% to 95% non-condensing
Drop Specifications	MIL-STD-810H drop to plywood over concrete Standard: 4 ft./1.2 m With optional rugged boot: 5 ft./1.5 m With keyboard: 3 ft./0.9 m
Sealing	IEC 60529 Clause 13.4 enclosures; IP65 for tablet with ports open, keyboard and dock
Vibration	Operational: MIL-STD-810H 514.8 Composite Wheel; Non-Operating: MIL-STD-810H 514.8 E-1

Electromagnetic Compatibility	MIL-STD 461G; EN 55032; EN 55024
Thermal Shock	MIL-STD-810H 503.7 -4° F to 140° F/-20° C to 60° C (operating); -22° F to 158° F/-30° C to 70° C (non-operating)
Electrostatic Discharge	IEC61000-4-2; ± 15kV air discharge; ± 8 kV contact
Shock	MIL-STD-810H Method 516.8, Procedure I; 20 g operating, 40 g non-operating
Solar Radiation	MIL-STD 810H 505.7
Contamination by Fluids	MIL-STD-810H, Method 504.3
Approved Cleaning and Disinfecting Agents	Mild dish soap, 70% Isopropyl Alcohol solution, 0.5-3% Hydrogen Peroxide solution, 1:10 Diluted 5.5% Bleach (Sodium Hypochlorite) solution ³
Hazardous Location Certification	C1D2 (tablet and keyboard); rugged boot required
Certifications	EPEAT, Energy Star, EU CoC
Vehicle certifications	E-Mark Europe 12V system ECE Regulation No.10 Rev 6 (Tablet with keyboard in docking station) No external DC to DC converter required for 12 volt automobile systems

Power

Battery	<p>5180 mAh, 7.7V rechargeable Li-Polymer; user replaceable (39.8 Whr) Charge time 0 to 90% in 2 hours Optional hot swappable 3400mAh, 7.6V (25.8 Whr) secondary battery (expansion back required) Operation: 11 hours (17 hours with auxiliary battery)⁴ 45W USB-PD (type C) AC adapter sold separately</p>
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Sensors

Ambient Light Sensor	Automatically adjusts display attributes and keyboard backlight
Magnetometer	3-axis e-compass
Motion Sensor	3-axis gyroscope; 3-axis accelerometer