SolidPad LR7

full rugged | 10.1" tablet

WATER SAND

FROST HEAT

SHOCK DROP

roda has expanded its product portfolio with additional interesting full rugged products following the trend towards the tablet and the market requirements concerning more favourable platforms! Therefore, roda has deliberately decided not to use expensive features. Thus, the tablets of the "SolidPad" line are embedded in special plastic - and not in aluminum housing. The low-energy and low-cost Intel® Bay-Trail-I Processor allows a small battery. With a weight of 1.05 kg, it is one hand portable. Nevertheless, the SolidPad models are certified in accordance with IP65 and MIL-STD 810G. One highlight is the serial interface (RS232) which expands the range of possible applications. The product line "SolidPad" appeals to customers looking for a robust but cost-conscious solution.

Technical specification

Display	10.1" WUXGA (1920x1200) • LED backlight 1000 cd/m² • 5-points capacitive touch, water rejection, palm rejection, *optional digitizer* • gorilla glass 3 technology	**Interfaces**	1x USB3.0, 1x USB2.0, 1x RJ45 (GLAN), 1x RS232 (DB9), 1x audio (mic & phone), 2x pass through connector, 1x micro SD, 1x micro HDMI, 1x docking connector, 1x micro Sim, 1x DC-In
CPU	Intel® Bay Trail-I E3827 1.75 GHz, 2 MB L2 cache	**Wireless Connection**	Bluetooth 4.0, WLAN 802.11ac/a/b/g/n, GNSS (GPS/Glonass/BeiDou), *WWAN 3.5G or 4G LTE (optional)*
Memory	4 GB DDR3L@1333 MHz		
Storage	mSATA SSD 120 GB *(optional 240 GB)*	**OS**	• Android 4.4 • Windows 7 Pro • Windows 8.1 Industrial Pro (embedded)
Led indicators	power on, RF on/off, scanner LED (green) battery full/charging/low		
Webcam	2 Mpixel (front) 5 Mpixel (rear) with auto focus & LED flash	**Security**	embedded TPM 1.2 module
		Certification	IP65, MIL-STD 810G
Buttons	power, home, volume button, barcode trigger button, 3 programable buttons	**Housing**	rugged plastic
		Colour	black
Sensors	gyro, accelerometer, ecompass, ambient light sensor	**Dimensions** (W) x (H) x (D)	28 cm x 19.5 cm x 2.3 cm 11" x 7.7" x 0.9"
Power supply	• standard battery pack, 4540 mAh, 10.8 V battery life: 7 h • backup battery 2500 mAh, 3.7 V, battery pack built-in for hot swapping • AC-adapter: 100-240 V_{DC}, 50-60 Hz, input: 19 V_{DC}@3.42 A, 65 W	**Weight**	1.25 kg 2.76 lbs

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WATER JET RESISTANT

SHOCK RESISTANT

DROP RESISTANT

FROST RESISTANT

HEAT RESISTANT

MIL-STD 810G	operating	storage
Temperature Method 501.5 & 502.5	-20°C to +50°C	-30°C to +70°C
Humidity Method 507.5	5 - 95 % without condensation	5 - 95 % without condensation
Shock / drop Method 516.6	6 feet drop	6 feet drop

Options

- digitizer
- MSR magnetic stripe reader (expansion bay)
- WWAN module (3.5G or 4G LTE)
- SCR smart card reader - CAC (expansion bay)
- NFC near field communication reader (factory option)
- 2D barcode reader (factory option)
- Extended battery pack: 9080 mAh, 10.8 V
  battery life (standard + extended battery): ~ 12 h

v2.2

ISO 9001:2008
DEKRA zertifiziert

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