

## OPTOKON Elektronik Rugged Notebook OERN-14

Best 14" Rugged Notebook  
on the market

Option: Intel® Core™ i5-1135G7 @ 2.40Ghz, up to 4.20 Ghz  
AMD RYZEN V2516 @2.1GHz , up to 3.95GHz



### Specifications

Display			
<b>Bonding</b>	Optical Bonding for Sunlight Viewability	<b>Resolution</b>	1920x1080
<b>Size</b>	14 inches	<b>Contrast Ratio</b>	1000:1
<b>Panel Brightness</b>	700 nits	<b>View Angles</b>	85,85,85,85
<b>Type</b>	Projected Capacitive Multi Touch		
System Specification			
<b>Processor</b>	AMD RYZEN V2516 or Intel® Core™ i5-1135G7 8M Cache: 4 cores	<b>Memory</b>	8GB SODIMM DDR4-2133 16GB SODIMM DDR4-2133 (Optional) 32GB SODIMM DDR4-2133 (Optional)
<b>Storage</b>	256GB M.2 SSD 512GB M.2 SSD (Optional) 1TB M.2 SSD (Optional) 2TB M.2 SSD (Optional) Additional storage available with up to 2TB M.2 (PCIe NVMe) SSD, self-encrypted. (Optional)	<b>Ethernet controller</b>	1 x RJ45-10/100/1000 Mbps LAN
<b>Security</b>	Trusted Platform Module (TPM) 2.0 Kensington Lock	<b>Operating System</b>	Windows 10 IoT Enterprise (64 bit)
<b>WLAN</b>	Support	<b>BT</b>	Support
<b>WWAN</b>	4G LTE (Optional)	<b>GNSS</b>	GPS/GLONASS
<b>RFID</b>	HF RFID (Optional)	<b>Smart Card Reader</b>	Smart Card Reader (Optional)
<b>Fingerprint Scanner</b>	Fingerprint scanner (Optional)		
Camera			
<b>Front Camera</b>	2MP front camera	<b>Rear Camera</b>	8MP rear camera with autofocus and LED light (Optional)

<b>Mechanical</b>			
<b>Dimension</b>	340 x 230 x 38 mm	<b>Weight</b>	2.55kg
<b>Cooling System</b>	Fanless thermal design		
<b>IO Ports</b>			
<b>USB Port</b>	3 x USB 3.0 (Type A), 1 x USB 3.0 (Type C)	<b>Serial Port</b>	1 x RS232 (DB9)
<b>SD Card Slot</b>	1 x Micro SDXC Slot	<b>SIM Card Slot</b>	1 x Nano SIM card slot
<b>Video</b>	1 x HDMI 2.0b	<b>Audio</b>	1 x Audio Jack (mic in/line out)
<b>Expansion Port</b>	1 x Expansion slot for smart card reader and removable SSD (Optional)	<b>LAN</b>	1 x RJ45-10/100/1000 GigaLAN port
<b>Indicator</b>	4x LED Indicator for Power, Battery, HDD, RF status	<b>Docking Connector</b>	1 x docking connector
<b>Environment</b>			
<b>Operating Humidity</b>	10% to 90% RH, non-condensing	<b>Operating Temperature</b>	-20°C to 60°C (AC mode), -10°C to 50°C (Battery mode)
<b>Storage Temperature</b>	-30°C to 70°C	<b>Shock</b>	MIL-STD-810H Method 516.8 Procedure I
<b>Vibration</b>	MIL-STD-810H Method 514.8 Procedure I	<b>IP rating</b>	IP65 certified, dustproof and waterproof
<b>Drop</b>	MIL-STD-810H Method 516.8, 3 ft		
<b>Certification</b>			
<b>Certification</b>	CE, FCC		
<b>Security Function</b>			
<b>SOTI MobiControl</b>	SOTI MobiControl Compliance	<b>Kensington Lock</b>	Kensington Lock Support
<b>Control</b>			
<b>Button</b>	1 x Power, 2 x volume key, 2 x Programmable Function Keys		
<b>Power</b>			
<b>Battery</b>	Hot-swappable 2 x 10.8V typ. 2400 mAh Li-Polymer Battery (3S1P)	<b>Battery Operating Time</b>	Standard Battery: 8 hours
<b>Power Rating</b>	19V DC	<b>Adapter</b>	100-240V, 50-60Hz (19V DC)
<b>Accessory</b>			
<b>Accessory</b>	Adapter and Power Cord Standard Battery	<b>Optional Accessory</b>	Spare Battery (Optional) Battery Charger (Optional) Vehicle Charger (Optional)
<b>Barcode Scanner</b>			

