

# G900EK-100

## 8" Intel® Celeron® N6211 Rugged Ground Control Station



### KEY FEATURES

- All-weather, dust, and water-resistant design (IP65). MIL-grade drop, Shock and vibration
- Supports optional WIFI, BT and 4G
- Embedded TPM IC and Optional OPAL SSD
- With a removable second battery



### SPECIFICATIONS

Display	
<b>Resolution</b>	1920x1200
<b>Contrast Ratio</b>	1000:1
<b>View Angles</b>	85,85,85,85
<b>Type</b>	Projected Capacitive Multi Touch
<b>Touch Mode</b>	Support Hand / Gloves and Rain Mode
<b>Size</b>	8 inches
<b>Panel Brightness</b>	1000.0 nits
<b>Bonding</b>	Optical Bonding for Sunlight Viewability
<b>Viewability</b>	Anti-Glare touch treatment
System Specification	
<b>Processor</b>	Intel Celeron N6211 (up to 3.0GHz)
<b>Storage</b>	128GB SSD, up to 512 SSD (Optional)
<b>Operating System</b>	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64bit (Optional) Windows 10 IoT Enterprise (64 bit) Linux Ubuntu 22.04 (Optional)
<b>BT</b>	Support (Optional)
<b>Memory</b>	4GB SODIMM,DDR4 3200 MHz, up to 16 GB (Optional)
<b>Security</b>	Trusted Platform Module (TPM) 2.0
<b>WLAN</b>	Support (Optional)
<b>WWAN</b>	4G LTE (Optional)
Mechanical	
<b>Dimension</b>	229.80 x 183.03 x 54.02 mm
<b>Cooling System</b>	Fanless Design
IO Ports (Optional)	
<b>USB Port</b>	USB 3.2 Gen 2x1 (Type C)
<b>Audio</b>	2x Speaker
<b>Serial Port</b>	1 x RS232
<b>SD Card Slot</b>	micro SD
<b>Video</b>	1 x HDMI output
<b>SIM Card Slot</b>	SIM Card
<b>LAN</b>	Gigalan
Environment	
<b>Operating Humidity</b>	10% to 90% RH, non-condensing
<b>Storage Temperature</b>	-30°C to 70°C (-22°F to 158°F)
<b>Vibration</b>	MIL-STD-810H Method 514.8 Procedure I
<b>Operating Temperature</b>	-20°C to 60°C (AC mode), -10°C to 50°C (Battery mode)
<b>Shock</b>	MIL-STD-810H Method 516.8 Procedure I
<b>IP rating</b>	IP65
Certification	
<b>Certification</b>	CE, FCC
Security Function	

Control			
<b>Button</b>	Front Side: 2x joystick 2x 2 Band slide switch 10x Key pads Top Side: 2 x buttons 2 x Roller		
Power			
<b>Battery</b>	7.2V, typ. 3095 mAh Lilon Rechargeable Internal Battery (2S1P) 7.2V, typ. 3095 mAh Lilon Rechargeable Secondary Battery (2S1P)	<b>Power Rating</b>	19V DC
<b>Adapter</b>	100-240V, 50-60Hz / 19V DC		
Accessory			
<b>Accessory</b>	Adapter and Power Cord		

**DIMENSIONS** UNIT:MM

