

# EACIEK20

## Intel® Celeron® N6211 EAC Mini IoT Gateway



### KEY FEATURES

- Intel® Celeron® Elkhart Lake N6211 Processor
- Fanless cooling system
- Compact size 100 x 70 x 31 mm (w/o mounting bracket)
- Expansion module design
- Various mounting options: desk, wall, VESA, DIN-Rail
- AWS IoT Greengrass Certified



### SPECIFICATIONS

#### System Specification

<b>Processor</b>	Intel® Celeron® N6211 ( up to 3.0GHz) Intel® Celeron® N6210 (up to 2.6GHz) (Optional)	<b>Memory</b>	4GB LPDDR4 8GB LPDDR4 (Optional)
<b>Storage</b>	eMMC: Onboard 32 GB eMMC: Onboard 64 GB (Optional) eMMC: Onboard 128 GB (Optional) M.2 SSD: 128GB (Optional) M.2 SSD: 256GB (Optional) M.2 SSD: 512GB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>WWAN</b>	WWAN(2nd layer) (Optional)	<b>Expansion Port</b>	EACWSLT-222 WWAN Expansion Board (Single SIM Slot) EACWSLT-231 3-port RS232/422/485 (Default RS232) w/ isolation EACWSLT-232 16-Channel Digital I/O w/ isolation EACWSLT-233 2-port CANBUS w/ isolation EACWLST-234 3 -port USB 2.0 EACWLST-235 2-port RS232/422/485 (Default RS232) w/ isolation EACWLST-237 WWAN Expansion Board (Dual SIM Slot)

#### Mechanical

<b>Dimension</b>	100 (W) x 70 (H) x 31(D) mm(One layer) 100 (W) x 70 (H) x 61(D) mm(Double layer)	<b>Weight</b>	0.4 kg (One layer), 0.5 kg (Double layer)
<b>Mounting</b>	Desk Mounting and Wall Mounting VESA Mount (Optional) DIN-Rail Mount (Optional)	<b>Enclosure</b>	Metal Housing
<b>Cooling System</b>	Fanless design		

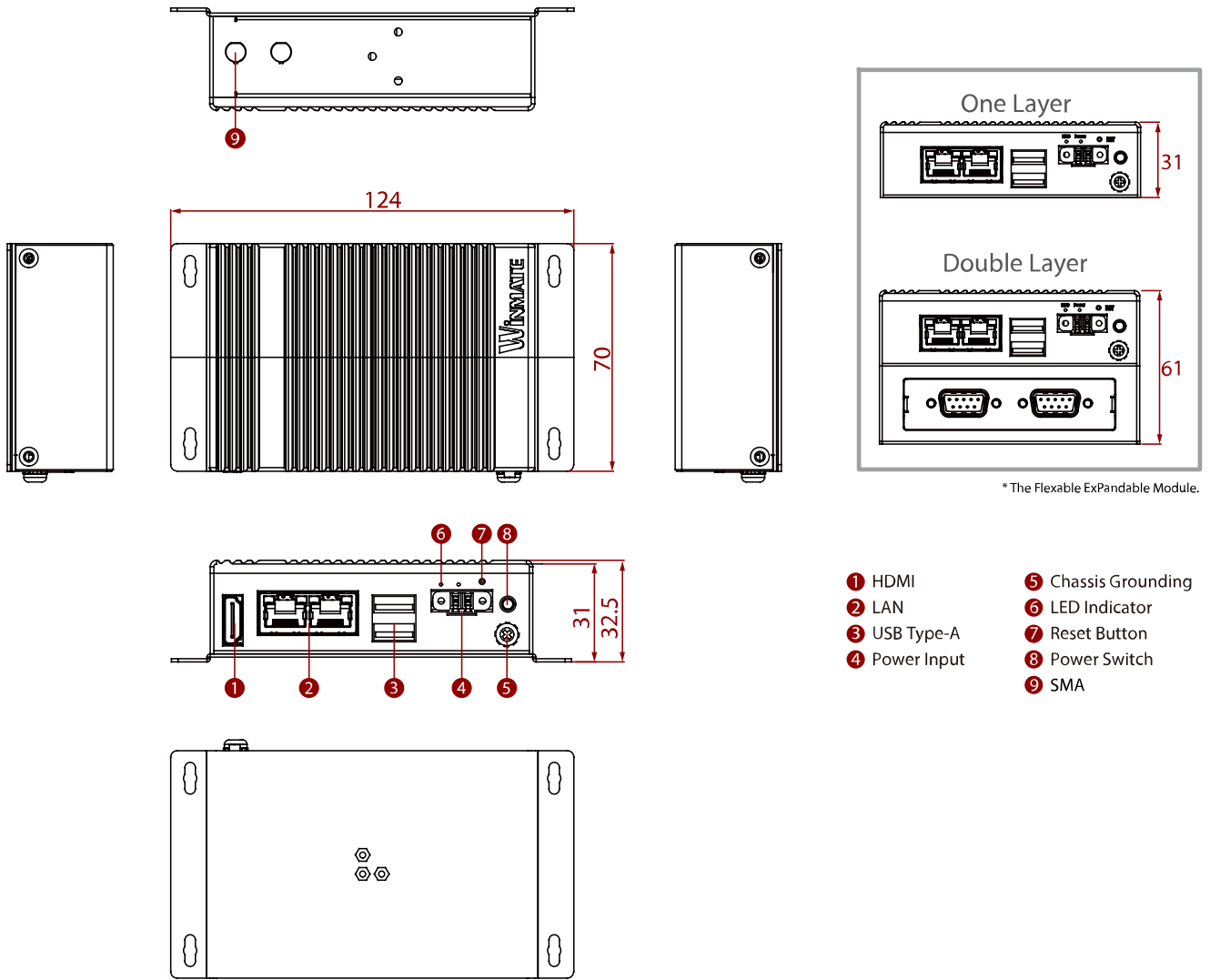
#### Environment

<b>Operating Humidity</b>	30% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 55°C
<b>Storage Temperature</b>	-15°C to 70°C	<b>Shock</b>	Operating, IEC 60068-2-27
<b>Vibration</b>	Operating, IEC 60068-2-64	<b>IP rating</b>	IP30

#### Certification

<b>Certification</b>	CE, FCC Microsoft Azure Certified for IoT AWS IoT Greengrass Certified		
<b>IO Ports</b>			
<b>Power Input</b>	1 x 9~36V DC, 2-Pin Terminal Block	<b>USB Port</b>	2 x USB3.2 Gen2x1 (TypeA)
<b>Video</b>	1 x HDMI 2.0 (Optional)	<b>Expansion Port</b>	M.2 : 1 x M.2 2242 B-Key slot for SATA III SSD or Wi-Fi module USB Wafer : 2 x USB2.0 Wafer
<b>LAN</b>	2 x Giga LAN RJ45 Connector	<b>Indicator</b>	1 x LED Indicator for power
<b>Control</b>			
<b>Button</b>	1 x Power Button 1 x Reset Button		
<b>Accessory</b>			
<b>Accessory</b>	Quick Start Guide Terminal Block 2 Pin to 2.5Ø Female Adapter Cable 2 Pin Terminal Block Connector Open Wire DC Cable WLAN External Antenna (For WLAN sku) WWAN External Antenna (For WWAN sku) AC to DC Adapter 12V/36W (Optional) VESA Mounting Kit (Optional) DIN Rail Mounting Kit (Optional)		
<b>Power</b>			
<b>Power Rating</b>	9V~36V DC, 2-Pin Terminal Block	<b>Adapter</b>	12V 36W
<b>Ordering Information</b>			
<b>Option</b>	EACWSLT-222 WWAN Expansion Board (Single SIM Slot) (Optional) EACWSLT-231 3-port RS232/422/485 (Default RS232) w/ isolation (Optional) EACWSLT-232 16-Channel Digital I/O w/ isolation (Optional) EACWSLT-233 2-port CANBUS w/ isolation (Optional) EACWSLT-234 4-port USB 2.0 (Optional) EACWSLT-235 2-port RS232/422/485 (Default RS232) w/ isolation (Optional) EACWSLT-237 WWAN Expansion Board (Dual SIM Slot) (Optional)		

## DIMENSIONS UNIT:MM



- ① HDMI
- ② LAN
- ③ USB Type-A
- ④ Power Input
- ⑤ Chassis Grounding
- ⑥ LED Indicator
- ⑦ Reset Button
- ⑧ Power Switch
- ⑨ SMA

## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.