

# EACIL21

## EAC Mini IoT Gateway with Intel® Celeron® N3350



### KEY FEATURES

- Intel® Apollo Lake N3350 1.1 GHz IoT gateway
- Fanless cooling system
- Compact size 100 x 115 x 31 mm (w/o mounting bracket)
- USB type-c port (Alt Mode, output Max 15W)
- Suitable for smart factory applications



### SPECIFICATIONS

System Specification			
<b>Processor</b>	Intel Celeron N3350 1.1GHz (up to 2.4GHz) Intel Pentium N4200 1.1GHz (up to 2.5GHz) (Optional)	<b>Memory</b>	4GB LPDDR3
<b>Storage</b>	eMMC: Onboard 64 GB mSATA SSD 128GB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
Mechanical			
<b>Dimension</b>	100 x 115 x 31 mm	<b>Weight</b>	0.8 kg
<b>Mounting</b>	Desk Mounting and Wall Mounting VESA Mounting (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		
IO Ports			
<b>Power Input</b>	1 x 9~36V DC, 2-Pin Terminal Block	<b>USB Port</b>	2 x USB2.0 (Type-A) 1 x USB Type-C[Alt Mode]: -Display Port A/V output(Support max resolution 3840 x 2160@60Hz) -USB data -Power Delivery up to 15W(5V/3A)
<b>Expansion Port</b>	mPCIe: 1 x Full-size mPCIe slot	<b>LAN</b>	2 x Giga LAN RJ45 Connector
<b>Indicator</b>	1 x LED Indicator for power	<b>mini PCIe</b>	1 x Mini PCIe
Control			
<b>Button</b>	1 x Power Button 1 x Reset Button		

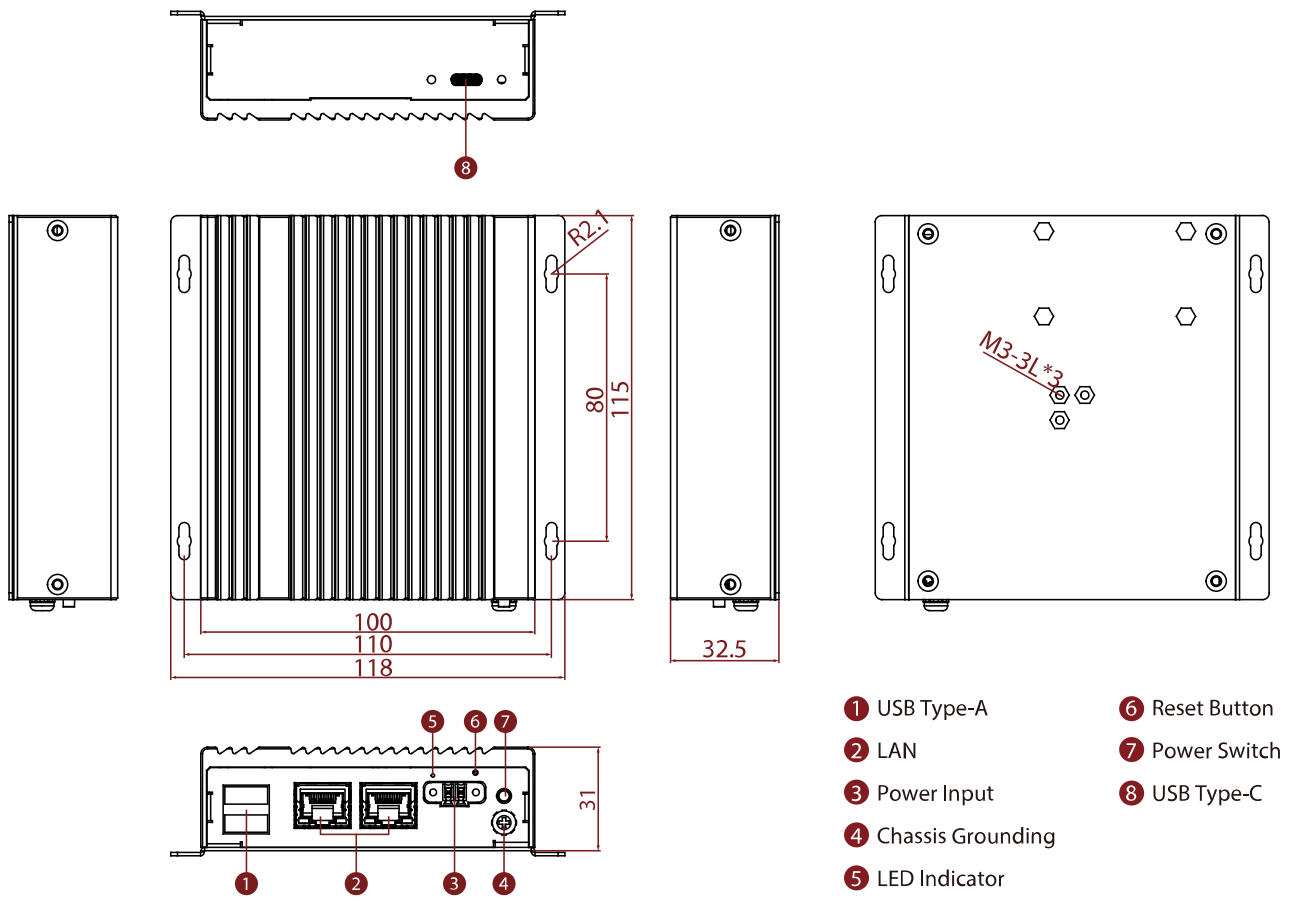
## Accessory

<b>Accessory</b>	Quick Start Guide
	Terminal Block 2 pin to 2.5Ø Female Adapter Cable
	Open Wire Cable with terminal block 2 pin connector
	WLAN External Antenna (For EACIL21-101-A464)
	VESA Mount Kit (Optional)
	AC to DC Adapter 12V/36W (Optional)
	USB Type-C male Cable (Optional)
	Single-side Lockable USB Type-C Cable (Optional)
	Dual-side Lockable USB Type-C Cable (Optional)

## Power

<b>Power Rating</b>	9V~36V DC, 2-Pin Terminal Block	<b>Adapter</b>	12V 36W
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## DIMENSIONS UNIT:MM



## 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. 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.