

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			
Processor	Intel Celeron N3350 1.1GHz (up to 2.4GHz) Intel Pentium N4200 1.1GHz (up to 2.5GHz) (Optional)	Memory	4GB LPDDR3
Storage	eMMC: Onboard 64 GB mSATA SSD 128GB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
WLAN	Support (Optional)	BT	Support (Optional)
Mechanical			
Dimension	100 x 115 x 31 mm	Weight	0.8 kg
Mounting	Desk Mounting and Wall Mounting VESA Mounting (Optional)	Enclosure	Metal Housing
Cooling System	Fanless design		
Environment			
Operating Humidity	30% to 90% RH, Non-Condensing	Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 70°C	Shock	Operating, IEC 60068-2-27
Vibration	Operating, IEC 60068-2-64	IP rating	IP30
Certification			
Certification	CE, FCC		
IO Ports			
Power Input	1 x 9~36V DC, 2-Pin Terminal Block	USB Port	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)
Expansion Port	mPCIe: 1 x Full-size mPCIe slot	LAN	2 x Giga LAN RJ45 Connector
Indicator	1 x LED Indicator for power	mini PCIe	1 x Mini PCIe
Control			
Button	1 x Power Button 1 x Reset Button		

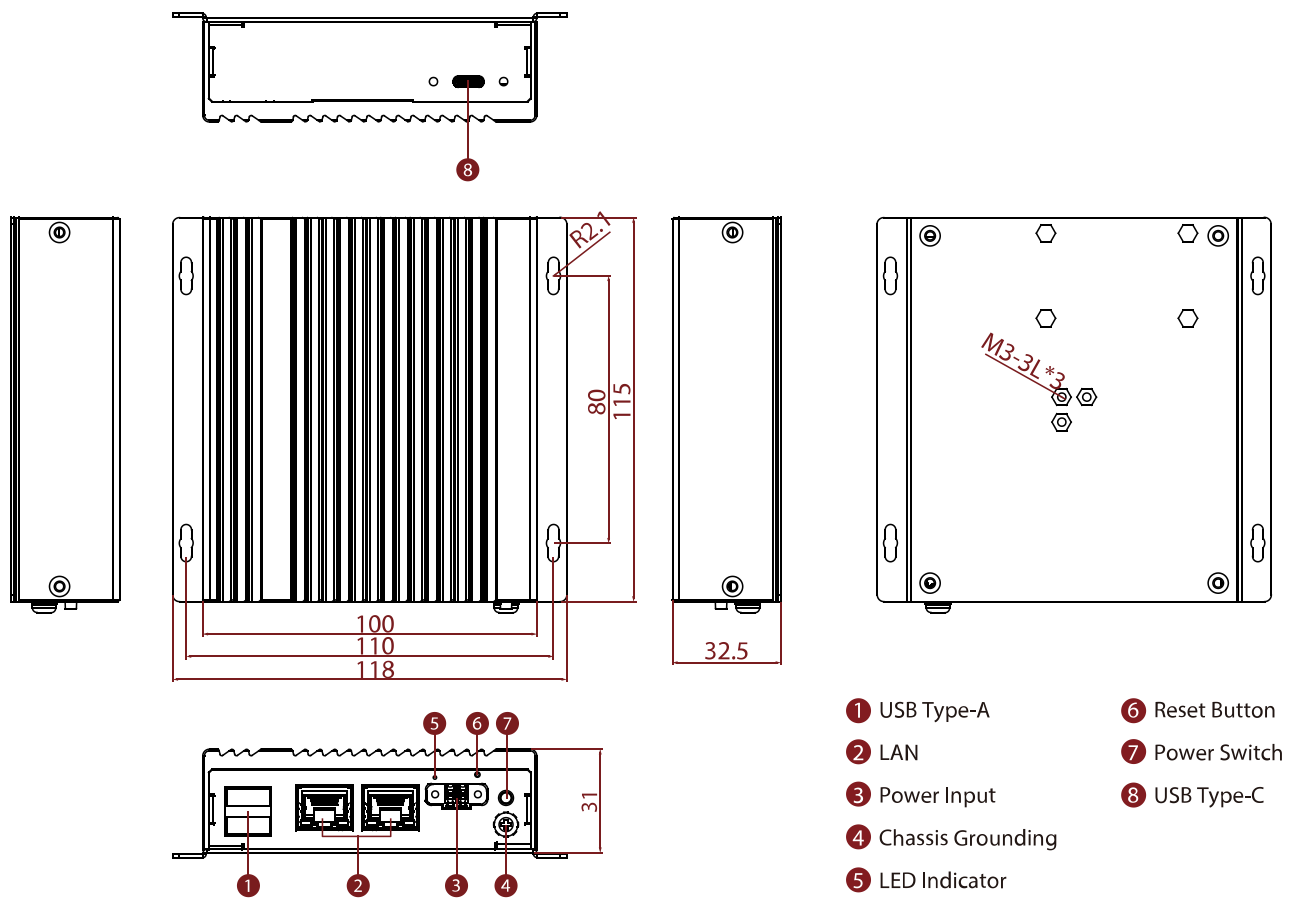
Accessory

Accessory	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

Power Rating	9V~36V DC, 2-Pin Terminal Block	Adapter	12V 36W
--------------	---------------------------------	---------	---------

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.