

EAC Mini EACIL67-IoT Gateway with Full IP67

Connect Everything, Control Everywhere

EAC Mini (EACIL67) is an industrial IoT gateway with low power consuming Intel® Apollo Lake N3350 processor and full IP67 design. Wireless connectivity and all necessary connectors allow the EAC Mini (EACIL67) to send data from manufacturing facilities directly to cloud server. Compact size and full IP67 protection from dust and against the effects of immersion in water make EAC Mini suitable for IoT, smart factory and machine automation applications both indoor and outdoor. The EACIL67 is Microsoft Azure Certified for IoT and AWS IoT Greengrass Certified.



Highlights

- Intel® Apollo Lake N3350, 1.1 GHz
- Full IP67
- USB Type-C Port featuring Alt Mode:
DP A/V output, USB Data, Power Delivery
- Fanless cooling system
- Compact size 100 x 115 x 31 mm
(w/o mounting bracket)
- Various mounting options: desk, wall, VESA
- Suitable for smart factory and outdoor applications

Order information

EACIL67-100-A464	Intel N3350, 4G RAM, 64GB eMMC, 1 x USB Type-C, 1 x USB Type-A, 2 x GbELAN,
EACIL67-101-A464	Intel N3350, 4G RAM, 64GB eMMC, 1 x USB Type-C, 1 x USB Type-A, 2 x GbELAN, Wi-Fi
EACIL67-104-A464	Intel N3350, 4G RAM, 64GB eMMC, 1 x USB Type-C, 1 x USB Type-A, 2 x GbELAN, CANBUS



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System Specifications

CPU	Intel® Apollo Lake N3350, 1.1 GHz
Graphics Processor	Intel® HD Graphics
BIOS	Insyde UEFI
Watchdog Timer	Programmable 256 levels, timer interval 1 to 255 sec.
System Memory	4GB LPDDR3 1866 MHz

Storage

eMMC	Onboard 64GB (default), up to 128GB
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Interface

USB	1 x Waterproof USB2.0 1 x Waterproof USB Type-C[Alt Mode] : -Display Port A/V output -USB data -Power Delivery up to 15W(5V/3A)
Ethernet	2 x Waterproof Giga LAN RJ45 Connector
Power Input	M12 Waterproof Connector

Power Management

Power Input	9~36V DC
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Mechanical Specifications

Dimensions	100 x 115 x 31 mm
Weight	1 kg
Mounting	Desk Mounting (Default), Wall Mounting (Default), VESA Mounting (Optional)
Cooling System	Fanless
Enclosure	Metal Housing

Environment

Operating Temperature	-20~60°C
Storage Temperature	-30~70°C
Operating Humidity	10~90% RH (non-condensing)
Shock	Operating, IEC 60068-2-27
Vibration	Operating, IEC 60068-2-64
IP Rating	IP67

Certificate

EMC	CE, FCC
IoT	Microsoft Azure Certified for IoT AWS IoT Greengrass Certified

Operating System (Optional)

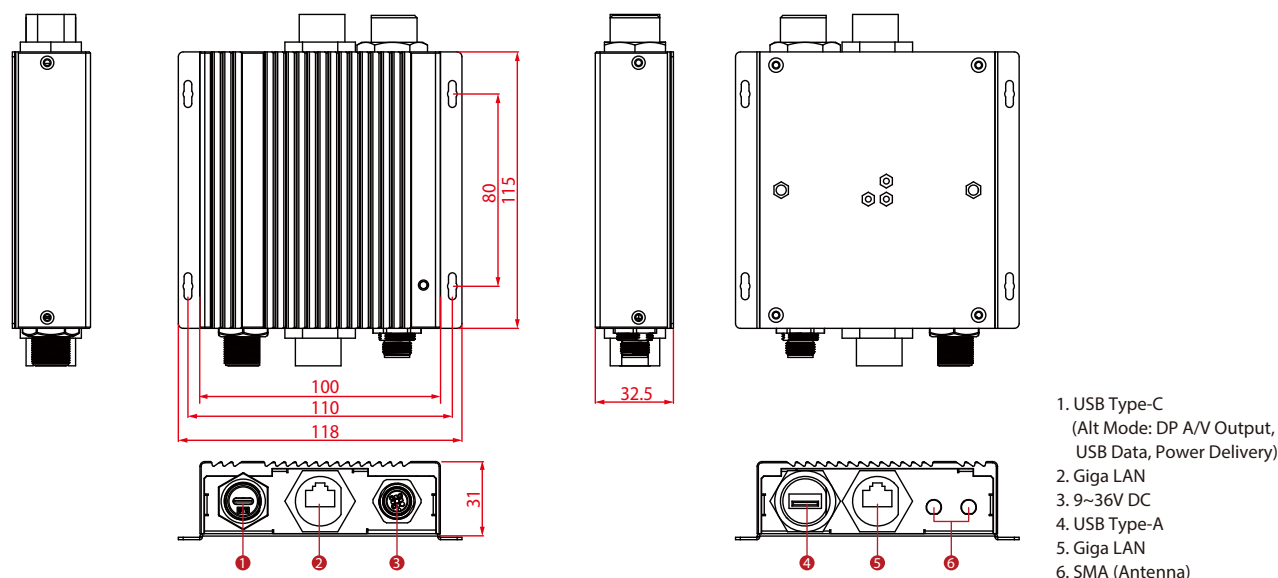
OS	Windows® 10 IoT Enterprise Ubuntu 16.04
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Accessories

Standard Accessories	
Quick Start Guide	91711110100V
Driver CD	91521110102T
M12 to Open Wire DC Cable	94JL020120K0
WLAN External Antenna (For EACIL67-101-A464)	397SM0000003

Optional Accessories	
VESA Mount Kit	98K000A000BJ
M12 to Open wire DC with CANBUS Cable	94EL030120K0
Waterproof USB Type-C to Standard USB Type-C Cable	9480240240K2
Waterproof USB Type-C to Lockable USB Type-C Cable	9480240240K8
Waterproof RJ45 LAN to Standard RJ45 LAN Cable	94I0080080KF
Waterproof USB Type-A male to Standard USB Type-A female Cable	9487048040P1

Drawing

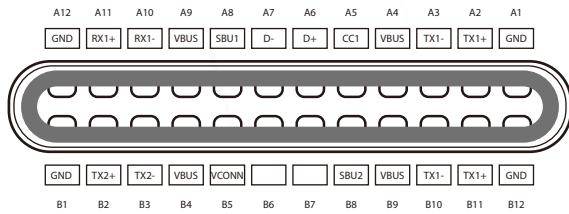


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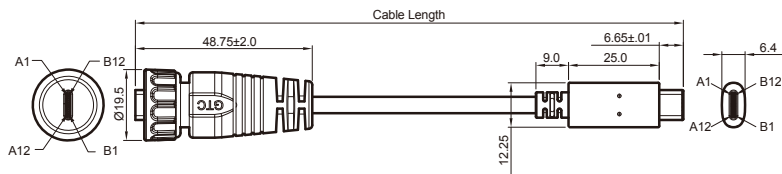
Pin Assignment of Cables

USB Type-C

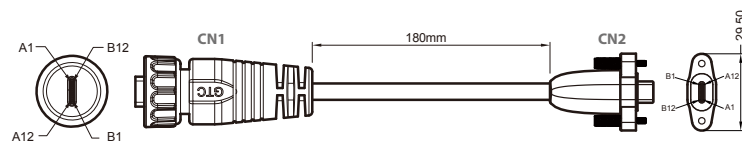


Pin No.	Symbols	Color	Pin No.	Symbols	Color
A1	GND		B1	GND	
A2	TX1+	Blue	B2	TX2+	Purple
A3	TX1-	White	B3	TX2-	White
A4	VBUS	Red	B4	VBUS	Red
A5	CC1	Blue	B5	VCONN	Yellow
A6	D+	Green	B6	NC	
A7	D-	White	B7	NC	
A8	SBUS1	Red	B8	SBUS2	Black
A9	VBUS	Red	B9	VBUS	Red
A10	RX2-	White	B10	RX1-	White
A11	RX2+	Orange	B11	RX1+	Yellow
A12	GND		B12	GND	

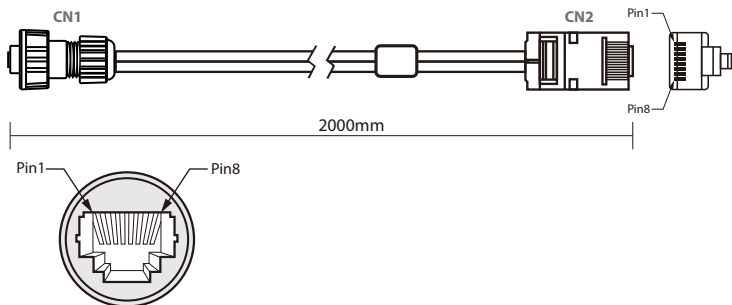
Waterproof USB Type-C to Standard USB Type-C Cable



Waterproof USB Type-C to Lockable USB Type-C Cable

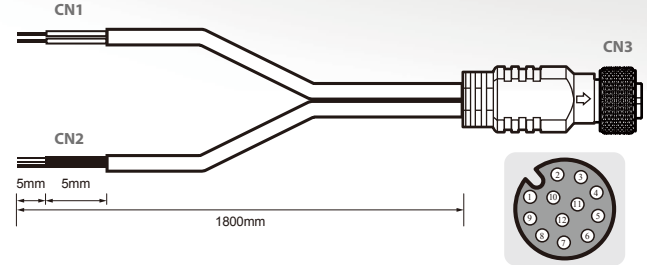


LAN Cable



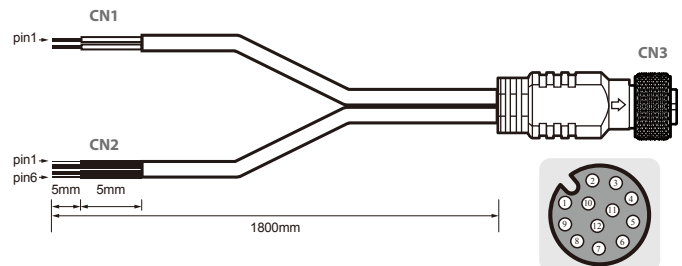
Plug	Wire Color	Conn.	
1	Orange / White	1	Twist
2	Orange	2	
3	Green / White	3	Twist
4	Blue	4	
5	Blue / White	5	Twist
6	Green	6	
7	Brown / White	7	Twist
8	Brown	8	

M12 to Open wire DC Cable



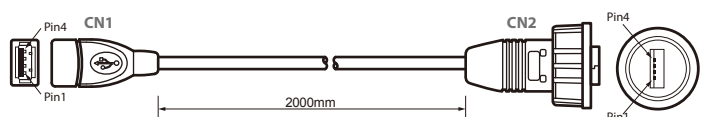
Pin No.	Symbols	Color	Pin No.	Symbols	Color
CN1-1	VCC	Undefined	CN3-1	VCC	Undefined
CN1-2	VCC	Undefined	CN3-2	VCC	Undefined
CN1-3	GND	Undefined	CN3-3	VCC	Undefined
CN1-4	GND	Undefined	CN3-4	GND	Undefined
CN2-1	GND	Undefined	CN3-5	GND	Undefined
CN2-2	Reset	Undefined	CN3-6	GND	Undefined
CN2-3	Clear CMOS	Undefined	CN3-7	GND	Undefined
			CN3-8	NC	
			CN3-9	NC	
			CN3-10	NC	
			CN3-11	Reset	Undefined
			CN3-12	Clear CMOS	Undefined

M12 to Open wire DC with CANBUS Cable



Pin No.	Symbols	Color	Pin No.	Symbols	Color
CN1-1	VCC	Undefined	CN3-1	VCC	Undefined
CN1-2	VCC	Undefined	CN3-2	VCC	Undefined
CN1-3	GND	Undefined	CN3-3	VCC	Undefined
CN1-4	GND	Undefined	CN3-4	GND	Undefined
CN2-1	GND	Undefined	CN3-5	GND	Undefined
CN2-4	CAN H	Undefined	CN3-6	GND	Undefined
CN2-5	CAN L	Undefined	CN3-7	GND	Undefined
CN2-6	CAN_GND	Undefined	CN3-8	CAN H	Undefined
CN2-2	Reset	Undefined	CN3-9	CAN L	Undefined
CN2-3	Clear CMOS	Undefined	CN3-10	CAN_GND	Undefined
			CN3-11	Reset	Undefined
			CN3-12	Clear CMOS	Undefined

Single-side water proof USB type A cable to female



Pin No.	Symbols	Color	Pin No.	Symbols	Color
CN1-1	VCC	Red	CN2-1	VCC	Red
CN1-2	D-	White	CN2-2	D-	White
CN1-3	D+	Green	CN2-3	D+	Green
CN1-4	GND	Black	CN2-4	GND	Black

Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují
za nižší ceny. Výše slevy se odvíjí
od realizovaného obrátu.



SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme
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