

# UTACIL21 - IoT Gateway with USB Type-C

## Connect Everything, Control Everywhere

### 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	2 x USB Type-A 2.0 1 x USB Type-C [Alt Mode] - Display Port A/V output - USB data (Alt Mode) - Power Delivery up to 15W(5V/ 3A)
Ethernet LAN	2 x Giga LAN RJ45 Connector
Power Input	Terminal Block / 2 Pin

### Buttons and LED Indicators

LED Indicator	1 x Power
Button	1 x Power Button 1 x Reset Button

### Power Management

Power Input	9~36 V DC
Grounding Protection	Chassis Grounding

### Mechanical Specifications

Dimensions	100 x 115 x 31mm
Weight	0.8 kg
Mounting	Desk Mounting (Default), Wall Mounting (Default), VESA Mounting (Optional)
Cooling System	Fanless
Enclosure	Metal Housing

### Environment

Operating Temperature	0~55°C
Storage Temperature	-15~70°C
Operating Humidity	10~90% RH (non-condensing)
Shock	Operating, IEC60068-2-27
Vibration	Operating, IEC60068-2-64
IP Rating	IP30

### Standards and Certification

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	91521110103I
Driver CD	91711110100V
Terminal Block Female Adapter Cable	94J602G020K2
Open Wire Cable with terminal block connector	94EL02X020E0
WLAN External Antenna (For UTACIL21-101-A464)	3975M00000D

#### Optional Accessories

VESA Mount Kit	98K000A000BJ
AC Adapter 12V/36W	92D036W12V6
USB Type-C male Cable	9480240240K7
Single-side Lockable USB Type-C Cable	9480240240K5
Dual-side Lockable USB Type-C Cable	9480240240K6

### Drawing

