

EACIEK20 Intel(R) Celeron(R) N6211 EAC Mini IoT Gateway

Manufacturer part number: EACIEK20 | IoT Gateway / Radio Gateway



Explore Winmate EACIEK20, an industrial computer solution featuring Intel(R) Celeron(R) N6211 for industrial automation and embedded systems.

System Specification	
Processor	Intel(R) Celeron(R) N6211 (up to 3.0GHz)
Memory	4GB LPDDR4 (Default), 8GB LPDDR4 (Optional)
Storage	eMMC: Onboard 32 GB (Default), eMMC: Onboard 64 GB (Optional), eMMC: Onboard 128 GB (Optional), 128GB SSD(Default) (Optional), 256GB SSD (Optional), 512GB SSD (Optional), 1TB SSD (Optional)
Ethernet controller	2 x Intel(R) Ethernet Controller
Security	TPM 2.0
Operating System	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)
WLAN	Support (Optional)
BT	Support (Optional)
WWAN	WWAN(2nd layer) (Optional)
Expansion Port	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	
Dimension	100 (W) x 70 (H) x 31(D) mm(One layer), 100 (W) x 70 (H) x 61(D) mm(Double layer)
Weight	0.4 kg (One layer),, 0.5 kg (Double layer)
Mounting	Desk mounting and Wall mounting (Default), VESA mount (Optional), DIN-Rail mount (Optional)
Enclosure	Metal Housing
Cooling System	Fanless Design
Environment	
Operating Humidity	30% to 90% RH, Non-Condensing
Operating Temperature	0 deg C to 55 deg C
Storage Temperature	-15 deg C to 70 deg C
Shock	Operating, IEC 60068-2-27
Vibration	Operating, IEC 60068-2-64
IP rating	IP30

Certification	
Certification	CE, FCC, Microsoft Azure Certified for IoT, AWS IoT Greengrass Certified
IO Ports	
USB Port	2 x USB3.2 Gen2x1 (TypeA)
LAN	2 x 2.5 Giga LAN RJ45 Connector
Video	1 x HDMI 2.0 (Optional)
Expansion Port	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
Indicator	1 x LED Indicator for power
Power Input	1 x 9~36V DC, 2-Pin Terminal Block
Control	
Button	1 x Power Button, 1 x Reset Button
Accessory	
Accessory	Quick Start Guide, Terminal Block 2 Pin to 2.5O Female Adapter Cable, 2 Pin Terminal Block Connector, Open Wire DC Cable, WLAN External Antenna (For WLAN sku), WWAN External Antenna (For WWAN sku) (Default), AC to DC Adapter 12V/36W (Optional), VESA Mounting Kit (Optional), DIN Rail Mounting Kit (Optional)
Power	
Power Rating	9V~36V DC, 2-Pin Terminal Block
Adapter	12V 36W
Ordering Information	
Option	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)