

EACIM20 A53 Quad-core Industrial IoT Gateway

Manufacturer part number: EACIM20 | IoT Gateway / Radio Gateway



Explore Winmate EACIM20, an industrial computer solution featuring Android, Linux, A53 Quad-core 2.0 GHz for industrial automation and embedded systems.

System Specification	
Processor	ARM A53 (Quad Core 2.0GHz)
Memory	4GB LPDDR4
Storage	eMMC: Onboard 32 GB
Security	SOTI MobiControl Compliance
Operating System	Android 11 (Upgradeable to Android 13) (Default), Linux Yocto 5.15.47 with QT 5.15 (Optional), Linux Ubuntu Server 22.04 (Optional)
WLAN	Support (Optional)
BT	Support for Android (Optional)
WWAN	4G/LTE (Optional)
Expansion Port	EACWSLT-231 3-port RS232/422/485 w/ isolation, EACWSLT-232 16-Channel Digital I/O w/ isolation, EACWSLT-233 2-port CANBUS w/ isolation, EACWLSL-234 3-port USB 2.0, EACWLSL-235 2-port RS232/422/485 w/ isolation
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 (Default), Wall mounting (Optional), VESA mounting (Optional), DIN-Rail mounting (Optional)
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
IO Ports	

USB Port	2 x USB2.0 (Type-A), 1 x USB2.0 OTG (Micro USB), support Android Debug Bridge (adb)
LAN	2 x Giga LAN RJ45 Connector for Linux, 1 x Giga LAN RJ45 Connector for Android
Video	1 x HDMI (Up to 1080p/30Hz) (Optional)
Expansion Port	1 x M.2 slot, 2 x USB 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	Terminal Block 2 pin to 2.5O Female Adapter Cable, Quick Start Guide, Open Wire Cable, WLAN External Antenna*2 (For WLAN sku), WWAN External Antenna*2 (For WWAN sku), BT External Antenna*1 (For BT sku)
Optional Accessory	AC to DC Adapter 12V/36W (Optional), VESA Mount Kit (Optional), DIN Rail Mount Kit (Optional), Micro USB to Type A Cable (Optional)
Power	
Power Rating	9V~36V DC, 2-Pin Terminal Block
Adapter	12V 36W (Optional)
Ordering Information	
Option	EACIM20-100 Standard SKU (Default), EACIM20-101 with WLAN and BT SKU (Optional), EACIM20-102 with WWAN SKU (Optional), EACIM20-103 with WLAN, BT and WWAN SKU (Optional), EACWSLT-231 3-port RS232/422/485 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 w/ isolation (Optional)