

EACIM20

A53 Quad-core Industrial IoT Gateway



KEY FEATURES

- A53 Quad-core 2.0 GHz
- Fanless cooling system Industrial IoT Gateway
- 4GB LPDDR4, 32GB eMMC
- Compact size 100 x 70 x 31 mm (w/o mounting bracket)
- Various mounting options: desk, wall, VESA, DINRail
- Microsoft Azure Certified for IoT
- Support Android or Linux operating system

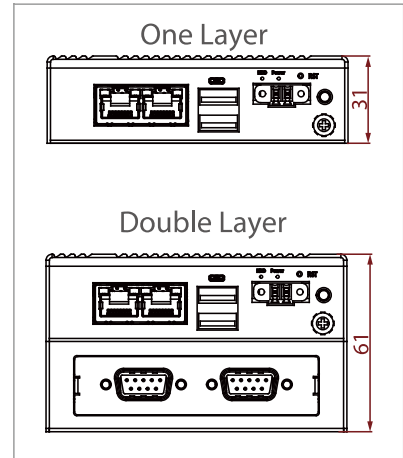
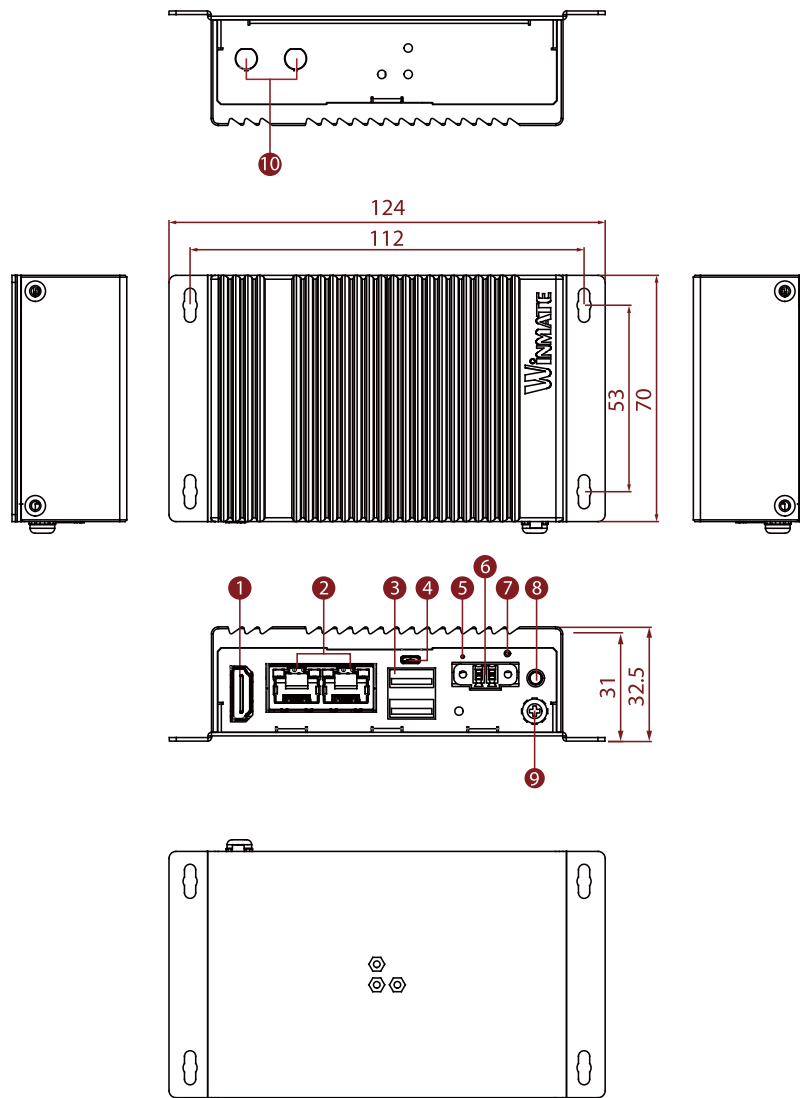


SPECIFICATIONS

| 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) Linux Yocto 5.10.104 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 EACWLST-234 3-port USB 2.0 EACWLST-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 & Wall Mounting VESA Mounting (Optional) DIN-Rail Mounting (Optional) | 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 Microsoft Azure Certified for IoT | | |
| IO Ports | | | |
| Power Input | 1 x 9~36V DC, 2-Pin Terminal Block | USB Port | 2 x USB2.0 (Type-A) 1 x USB2.0 OTG (Micro USB), support Android Debug Bridge (adb) |
| Video | 1 x HDMI (Up to 1080p/30Hz) (Optional) | Expansion Port | 1 x M.2 slot 2 x USB Wafer |
| LAN | 2 x Giga LAN RJ45 Connector for Linux 1 x Giga LAN RJ45 Connector for Android | Indicator | 1 x LED Indicator for power |

| Control | | | |
|----------------------|--|---------------------------|---|
| Button | 1 x Power Button 1 x Reset Button | | |
| Accessory | | | |
| Accessory | Terminal Block 2 pin to 2.5Ø 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 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) | | |

DIMENSIONS UNIT:MM



* The Flexible ExPandaBle Module.

- | | |
|-----------------|---------------------|
| ① HDMI | ⑥ Power Input |
| ② LAN | ⑦ Reset Button |
| ③ USB Type-A | ⑧ Power Switch |
| ④ Micro USB | ⑨ Chassis Grounding |
| ⑤ LED Indicator | ⑩ SMA |

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 Android OS option of EACIM20 only supports 1 x LAN.
4. 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.
5. Default resolution of HDMI:1280x800 with 160 DPI.
6. The power key is only available in Android operating system.

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



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