

# EACFA20

## NXP i.MX6 Dual Core fanless box pc



### KEY FEATURES

- NXP i.MX6 Dual Core 1GHz, fanless box pc
- Fanless cooling system
- Compact size 100 x 70 x 31 mm (w/o mounting bracket)
- Various mounting options: desk, wall, VESA, DIN-Rail
- Microsoft Azure Certified for IoT



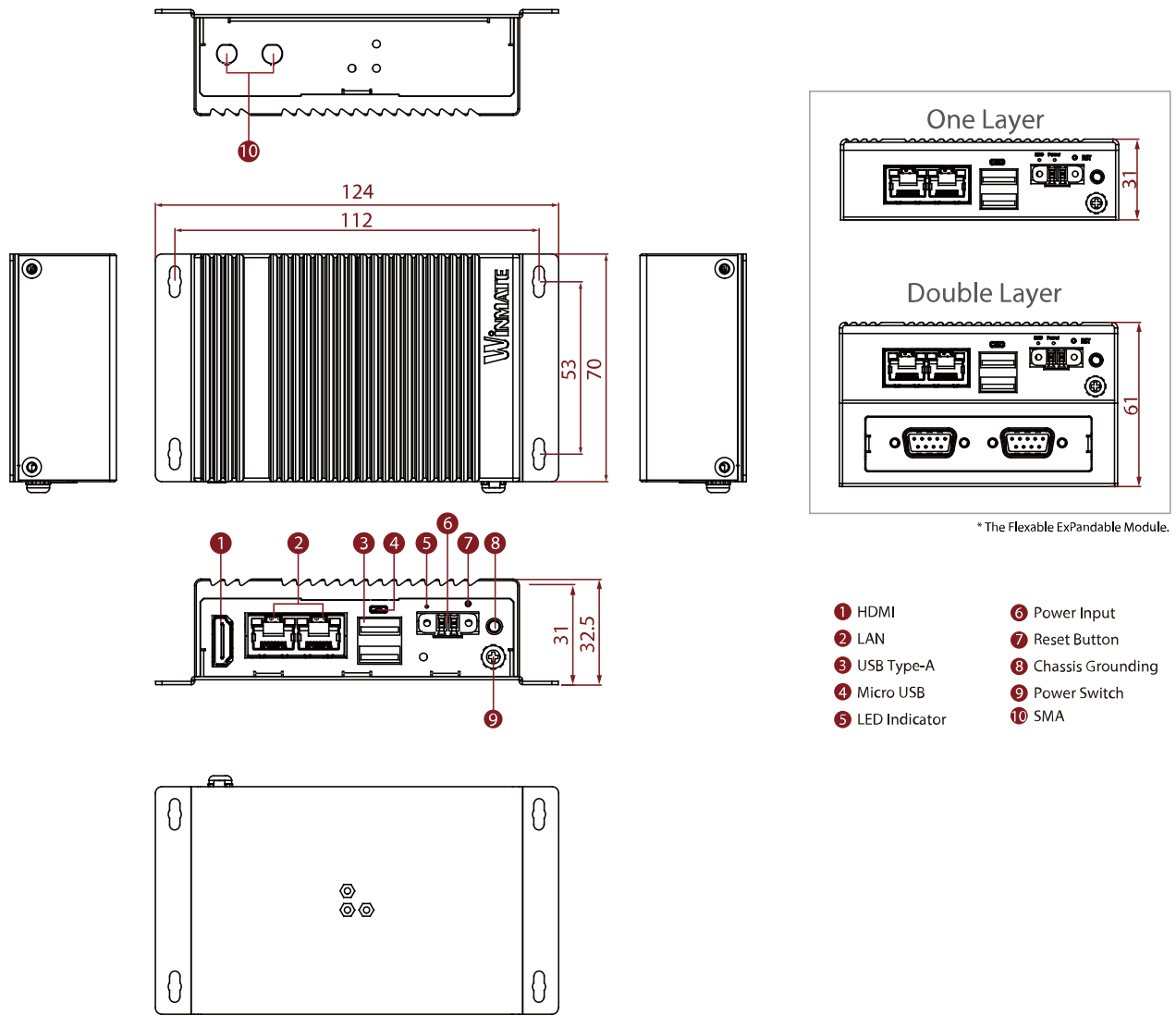
### SPECIFICATIONS

| System Specification       |   |                              |  |
|----------------------------|---|------------------------------|--|
| <b>Processor</b>           | NXP i.MX6 Dual Core, 1.0GHz   | <b>Memory</b>                | 1GB<br>2GB (Optional)  |
| <b>Storage</b>             | Onboard 16GB eMMC<br>Onboard 32GB eMMC (Optional)                                   | <b>Operating System</b>      | Linux Ubuntu 18.04   |
| <b>WLAN</b>                | Support (Optional)  | <b>BT</b>                    | Support (Optional)   |
| <b>WWAN</b>                | WWAN (Optional)   | <b>Expansion Port</b>        | EACWSLT-222 WWAN Expansion Board (Single SIM Slot)<br>EACWSLT-231 3-port RS232/422/485 w/ isolation<br>EACWSLT-232 16-Channel Digital I/O w/ isolation<br>EACWSLT-233 2-port CANBUS w/ isolation<br>EACWLSL-234 3 -port USB 2.0<br>EACWLSL-235 2-port RS232/422/485 w/ isolation |
| Mechanical                 |   |                              |  |
| <b>Dimension</b>           | 100 (W) x 70 (H) x 31(D) mm(One layer)<br>100 (W) x 70 (H) x 61(D) mm(Double layer) | <b>Mounting</b>              | Desk Mounting & Wall Mounting<br>VESA Mounting (Optional)<br>DIN-Rail Mounting (Optional)  |
| <b>Enclosure</b>           | Metal Housing   | <b>Cooling System</b>        | Fanless design   |
| Environment                |   |                              |  |
| <b>Operating Humidity</b>  | 30% to 90% (non-condensing)   | <b>Operating Temperature</b> | 0~55°C   |
| <b>Storage Temperature</b> | -15~70°C  | <b>Shock</b>                 | Operating, IEC 60068-2-27  |
| <b>Vibration</b>           | Operating, IEC 60068-2-64   | <b>IP rating</b>             | IP30   |
| Certification              |   |                              |  |
| <b>Certification</b>       | CE, FCC<br>Microsoft Azure Certified for IoT<br>AWS IoT Greengrass Certified        |                              |  |
| IO Ports                   |   |                              |  |
| <b>Power Input</b>         | 1 x 9~36V DC, 2-Pin Terminal Block  | <b>USB Port</b>              | 2 x USB2.0 (Type-A)<br>1 x USB2.0 OTG (Micro USB)  |
| <b>Video</b>               | 1 x HDMI 1.4 (Optional)   | <b>Expansion Port</b>        | mPCIe: 1 x Full-size mPCIe slot<br>USB Wafer : 2 x USB Wafer   |
| <b>LAN</b>                 | 2 x Giga LAN RJ45 Connector   | <b>Indicator</b>             | 1 x LED Indicator for power  |
| <b>mini PCIe</b>           | 1 x Mini PCIe   |                              |  |

| Control              |  |                |         |
|----------------------|--|----------------|---------|
| <b>Button</b>        | 1 x Power Button<br>1 x Reset Button   |                |         |
| Accessory            |  |                |         |
| <b>Accessory</b>     | Quick Start Guide<br>Driver CD<br>Terminal Block 2 pin to 2.5Ø Female Adapter<br>Cable<br>Open Wire Cable with terminal block 2 pin connector<br>WLAN External Antenna (For WLAN sku)<br>WWAN External Antenna (For WWAN sku)<br>AC to DC Adapter 12V/36W (Optional)<br>VESA Mounting Kit (Optional)<br>DIN Rail Mounting Kit (Optional)   |                |         |
| Power                |  |                |         |
| <b>Power Rating</b>  | 9V~36V DC, 2-Pin Terminal Block  | <b>Adapter</b> | 12V 36W |
| Ordering Information |  |                |         |
| <b>Option</b>        | EACWSLT-222 WWAN Expansion Board (Single SIM Slot) (Optional)<br>EACWSLT-231 3-port RS232/422/485 w/ isolation (Optional)<br>EACWSLT-232 16-Channel Digital I/O w/ isolation (Optional)<br>EACWSLT-233 2-port CANBUS w/ isolation (Optional)<br>EACWSLT-234 4-port USB 2.0 (Optional)<br>EACWSLT-235 2-port RS232/422/485 w/ isolation (Optional)<br>EACWSLT-236 2-port Giga-LAN (Optional)<br>EACWSLT-237 WWAN Expansion Board (Dual SIM Slot) (Optional) |                |         |

**DIMENSIONS**    UNIT:MM

# Winmate fanless box pc EACFA20



## 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 EACFA20 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.