

# 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 2GB (Optional)
<b>Storage</b>	eMMC: Onboard 16 GB eMMC: Onboard 32 GB (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) 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
Mechanical			
<b>Dimension</b>	100 (W) x 70 (H) x 31(D) mm(One layer) 100 (W) x 70 (H) x 61(D) mm(Double layer)	<b>Weight</b>	0.4 kg (One layer), 0.5 kg (Double layer)
<b>Mounting</b>	Desk Mounting and Wall Mounting VESA Mount (Optional) DIN-Rail Mount (Optional)	<b>Enclosure</b>	Metal Housing
<b>Cooling System</b>	Fanless design		
Environment			
<b>Operating Humidity</b>	30% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 55°C
<b>Storage Temperature</b>	-15°C to 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 Microsoft Azure Certified for IoT 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) 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 USB Wafer : 2 x USB2.0 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 1 x Reset Button
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**Accessory**

<b>Accessory</b>	Quick Start Guide Terminal Block 2 Pin to 2.5Ø Female Adapter Cable 2 Pin Terminal Block Connector Open Wire DC Cable WLAN External Antenna (For WLAN sku) WWAN External Antenna (For WWAN sku) AC to DC Adapter 12V/36W (Optional) VESA Mounting Kit (Optional) DIN Rail Mounting Kit (Optional)
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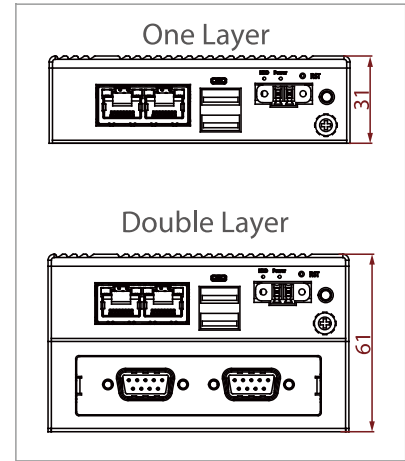
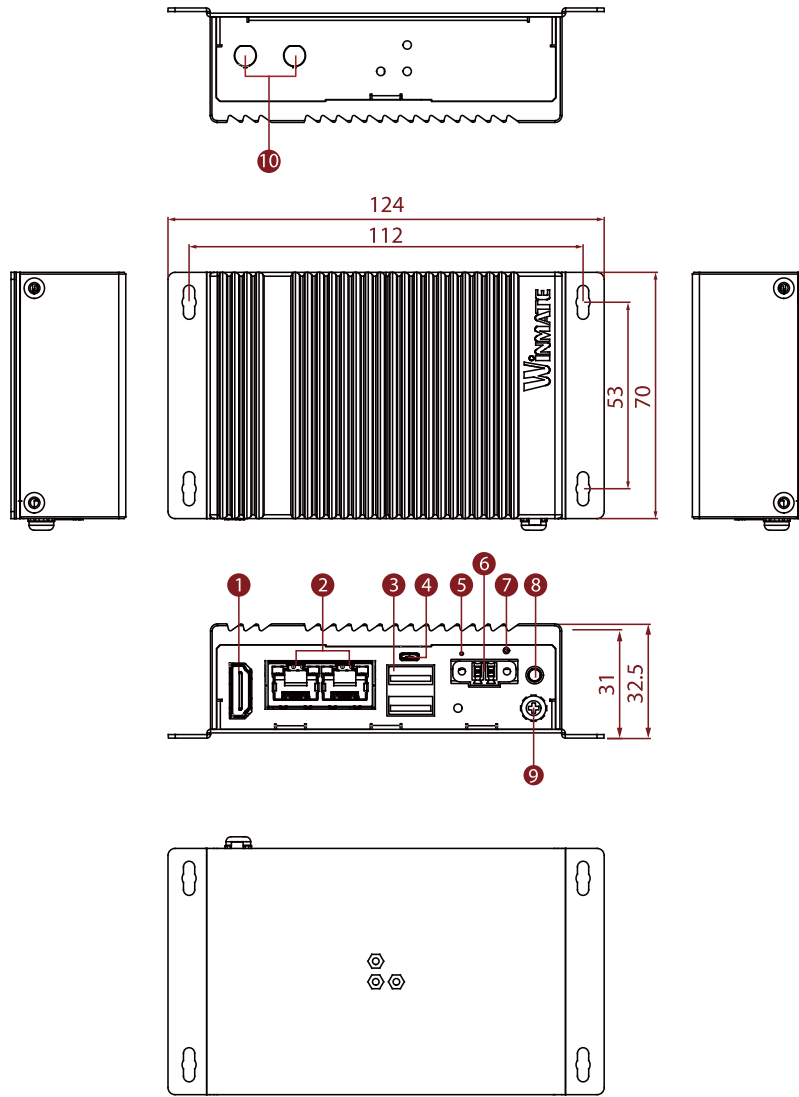
**Power**

<b>Power Rating</b>	9V~36V DC, 2-Pin Terminal Block	<b>Adapter</b>	12V 36W
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**Ordering Information**

<b>Option</b>	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) EACWLST-234 3 -port USB 2.0 (Optional) EACWLST-235 2-port RS232/422/485 (Default RS232) w/ isolation (Optional)
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**DIMENSIONS** UNIT:MM



\* The Flexible ExPandaBle Module.

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|-----------------|---------------------|
| 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 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.