

EACFA20

IoT Gateway EAC Mini NXP based



KEY FEATURES

- NXP A9 i.MX6 Dual Core 1GHz
- 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	
Processor	NXP i.MX6 Dual Core, 1.0GHz
Storage	Onboard 16GB eMMC Onboard 32GB eMMC (Optional)
WLAN	802.11 a/b/g/n/ac (Optional)
WWAN	WWAN (Optional)
Memory	1GB 2GB (Optional)
Operating System	Linux Ubuntu 18.04 Android 6.0 (Optional)
BT	BT Support (Optional)
Expansion Port	EACWSLT-222 WWAN Expansion Board (Single SIM Slot) 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)
Enclosure	Metal Housing
Mounting	Desk Mounting & Wall Mounting VESA Mounting (Optional) DIN-Rail Mounting (Optional)
Cooling System	Fanless design
Environment	
Operating Humidity	30% to 90% (non-condensing)
Storage Temperature	-15~70°C
Vibration	Operating, IEC 60068-2-64
Operating Temperature	0~55°C
Shock	Operating, IEC 60068-2-27
IP rating	IP30
Certification	
Certification	CE, FCC Microsoft Azure Certified for IoT AWS IoT Greengrass Certified
IO Ports	
USB Port	2 x USB2.0 (Type-A) 1 x USB2.0 OTG (Micro USB)
Expansion Port	mPCIe: 1 x Full-size mPCIe slot USB Wafer : 2 x USB Wafer
Indicator	1 x LED Indicator for power
Video	1 x HDMI 1.4 (Optional)
LAN	2 x Giga LAN RJ45 Connector
mini PCIe	1 x Mini PCIE
Control	

Button	1 x Power Button 1 x Reset Button
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Accessory

Accessory	Quick Start Guide Driver CD Terminal Block 2 pin to 2.5Ø Female Adapter Cable Open Wire Cable with terminal block 2 pin connector 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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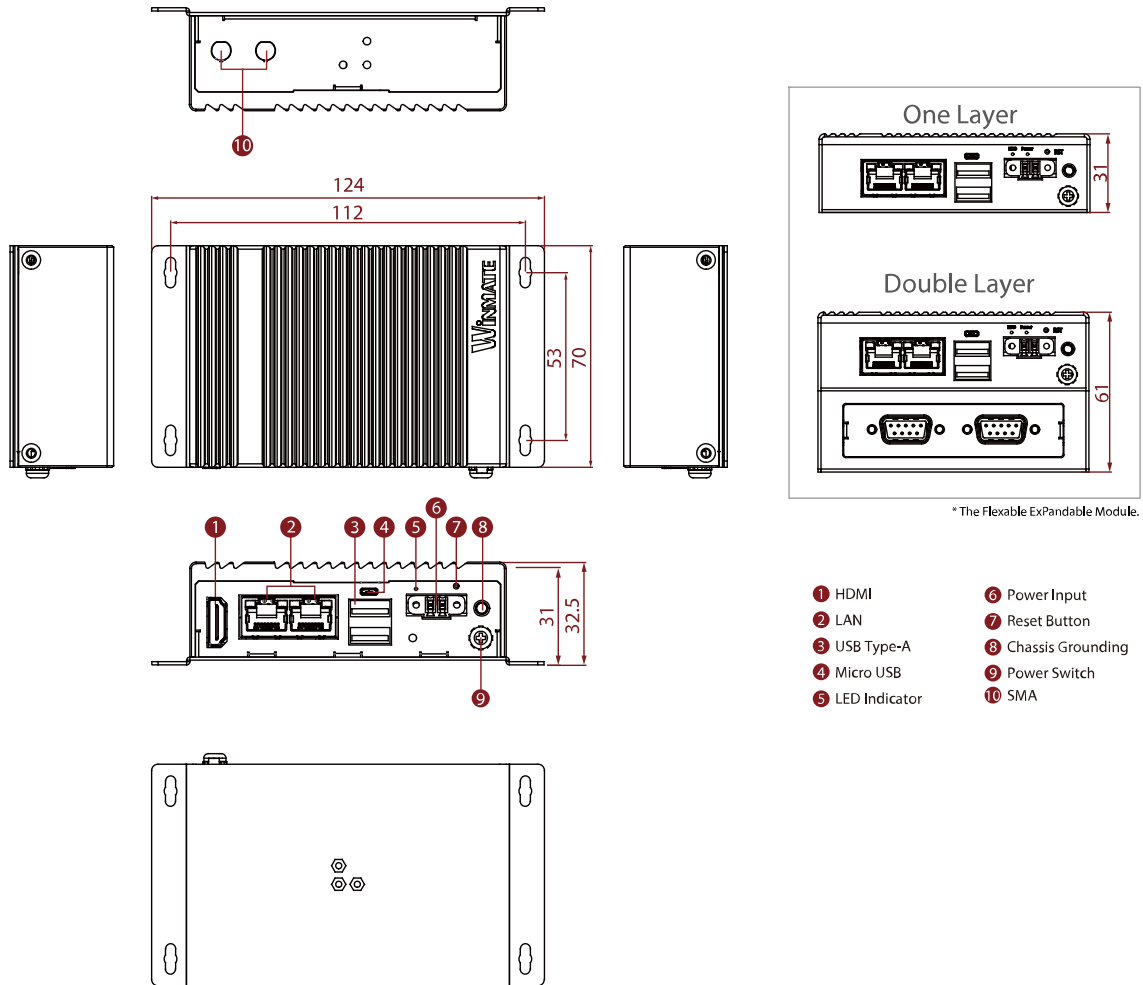
Power

Power Rating	9V~36V DC, 2-Pin Terminal Block	Adapter	12V 36W
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Ordering Information

Option	EACWSLT-222 WWAN Expansion Board (Single SIM Slot) (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) EACWSLT-236 2-port Giga-LAN (Optional) EACWSLT-237 WWAN Expansion Board (Dual SIM Slot) (Optional)
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DIMENSIONS UNIT:MM



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.

Assured Systems

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