

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	Memory	1GB 2GB (Optional)
Storage	Onboard 16GB eMMC Onboard 32GB eMMC (Optional)	Operating System	Linux Ubuntu 18.04 Android 6.0 (Optional)
WLAN	802.11 a/b/g/n/ac (Optional)	BT	BT Support (Optional)
WWAN	WWAN (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)	Mounting	Desk Mounting & Wall Mounting VESA Mounting (Optional) DIN-Rail Mounting (Optional)
Enclosure	Metal Housing	Cooling System	Fanless design
Environment			
Operating Humidity	30% to 90% (non-condensing)	Operating Temperature	0~55°C
Storage Temperature	-15~70°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 AWS IoT Greengrass Certified		
IO Ports			
USB Port	2 x USB2.0 (Type-A) 1 x USB2.0 OTG (Micro USB)	Video	1 x HDMI 1.4 (Optional)
Expansion Port	mPCIe: 1 x Full-size mPCIe slot USB Wafer : 2 x USB Wafer	LAN	2 x Giga LAN RJ45 Connector
Indicator	1 x LED Indicator for power	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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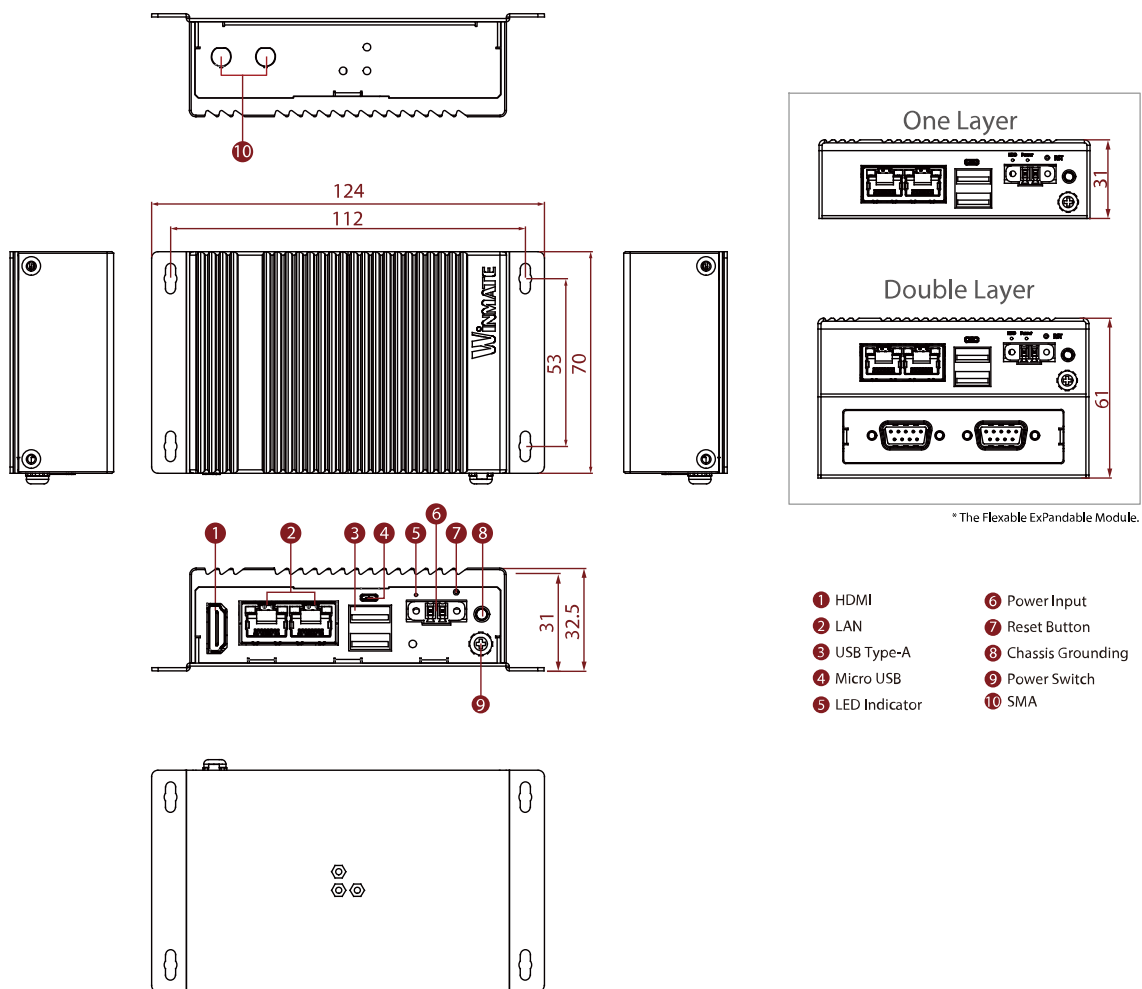
Power

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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US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660