

EACFA20

NXP i.MX6 Dual Core IoT Gateway EAC Mini



KEY FEATURES

- NXP 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



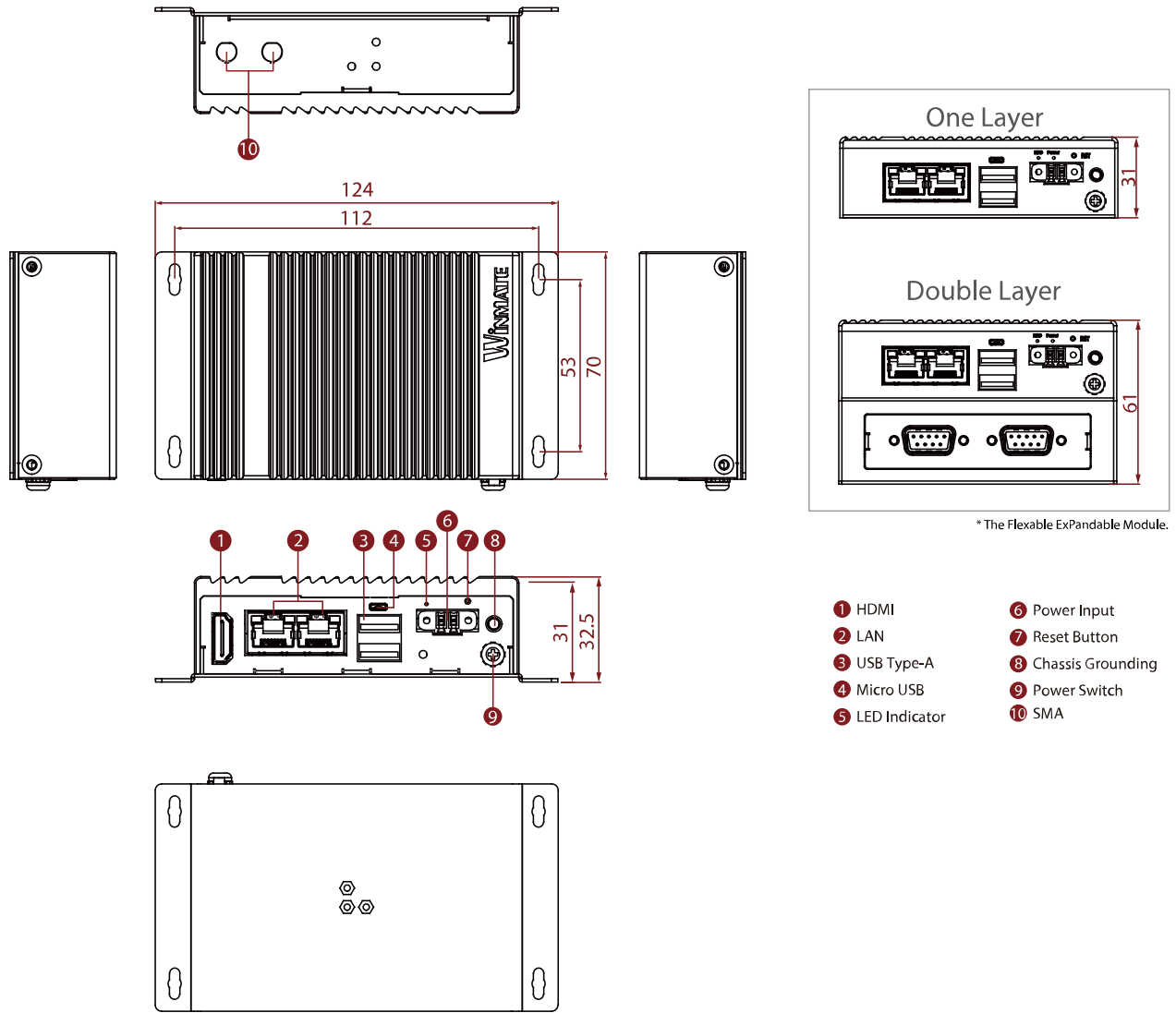
SPECIFICATIONS

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
WLAN	Support (Optional)	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			
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)
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		
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)		
Power			
Power Rating	9V~36V DC, 2-Pin Terminal Block	Adapter	12V 36W
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)		

DIMENSIONS UNIT:MM

Winmate EAC Mini 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.