

EACIL20

IoT Gateway EAC Mini



KEY FEATURES

- AWS IoT Greengrass Certified
- Compact size 100 x 70 x 31 mm(w/o mounting bracket)
- Expansion module design
- Fanless cooling system
- Intel® Apollo Lake N3350 1.1 GHz
- Various mounting options: desk, wall, VESA, DIN-Rail



SPECIFICATIONS

System Specification			
Processor	Intel® Celeron® N3350 (2M Cache, up to 2.4 GHz) Intel® Pentium® N4200 (2M Cache, up to 2.5 GHz)(Optional)	Memory	4GB LPDDR3 1866 MHz
Storage	eMMC: Onboard 32 GB mSATA SSD 64GB(Optional)	Expansion	1 x Full-size mPCIe slot 2 x USB Wafer
Ethernet controller	2 x Intel® Ethernet Controller I210-AT	Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise(Optional) Linux Ubuntu 18.04 (Optional)	WLAN	802.11 a/b/g/n/ac(Optional)
BT	BT Support(Optional)	WWAN	WWAN(Optional)
Mechanical			
Dimension	100 (W) x 70 (H) x 31(D) mm(One layer) 100 (W) x 70 (H) x 61(D) mm(Double layer)	Weight	0.4 kg (One layer), 0.5 kg (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 USB3.0 (Type-A)	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

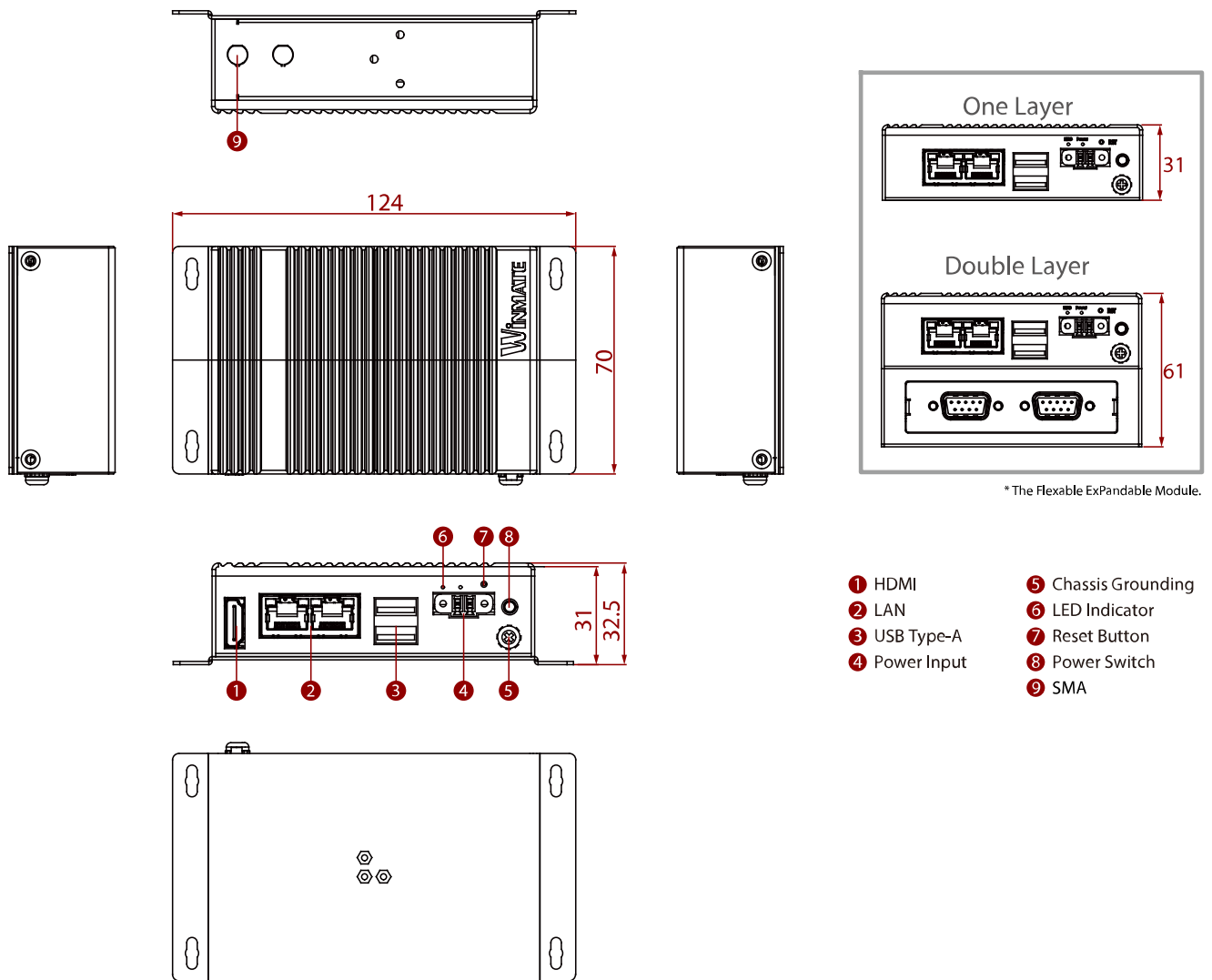
Power Rating	9V~36V DC, 2-Pin Terminal Block	Adapter	12V 36W
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Ordering Information

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)

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 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.