

# EACIL20

## Intel® Celeron® N3350 Fanless Computer



### KEY FEATURES

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



### SPECIFICATIONS

System Specification			
<b>Processor</b>	Intel Celeron N3350 1.1GHz (up to 2.4GHz) Intel Pentium N4200 1.1GHz (up to 2.5GHz) (Optional)	<b>Memory</b>	4GB LPDDR4
<b>Storage</b>	eMMC: Onboard 32 GB eMMC: Onboard 64 GB (Optional) eMMC: Onboard 128 GB (Optional) mSATA SSD 128GB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
<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 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 EACWLST-236 2-port Giga-LAN EACWLST-237 WWAN Expansion Board (Dual SIM Slot)
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		

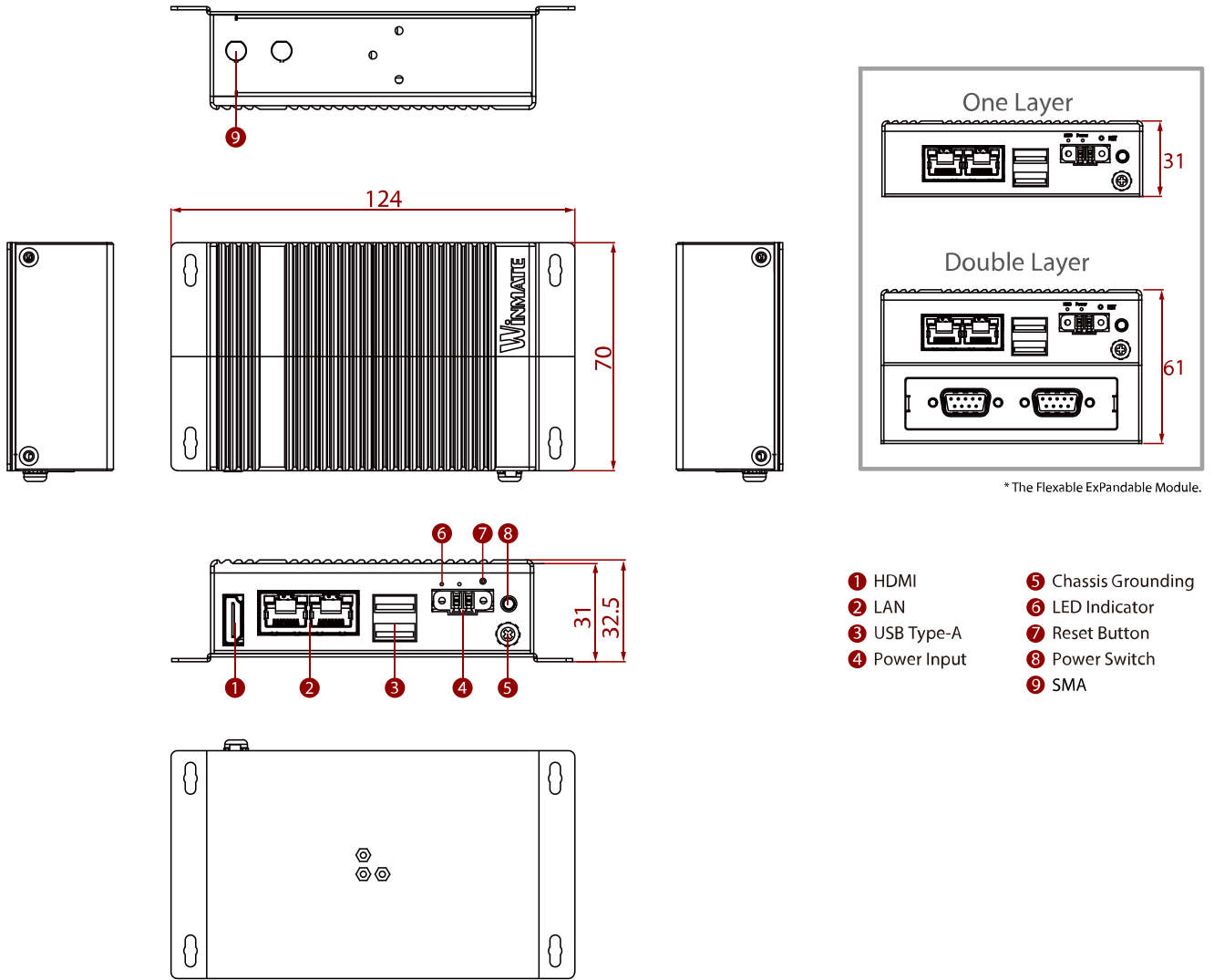
IO Ports			
<b>Power Input</b>	1 x 9~36V DC, 2-Pin Terminal Block	<b>USB Port</b>	2 x USB3.2 Gen1x1 (Type-A)
<b>Video</b>	1 x HDMI 1.4 (Optional)	<b>Expansion Port</b>	mPCIe: 1 x Full-size mPCIe slot USB Wafer : 2 x USB Wafer
<b>LAN</b>	2 x Giga LAN RJ45 Connector	<b>Indicator</b>	1 x LED Indicator for power
<b>mini PCIe</b>	1 x Mini PCIE		
Control			
<b>Button</b>	1 x Power Button 1 x Reset Button		
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)		

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

Ordering Information	
<b>Option</b>	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 fanless computer EACIL20



## 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.