EACIL20
Intel® Celeron® N3350 fanless computer

KEY FEATURES

- Intel® Apollo Lake N3350 1.1 GHz fanless computer
- 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

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

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 and Wall Mounting VESA Mount (Optional) DIN-Rail Mount (Optional)	Enclosure	Metal Housing
Cooling System	Fanless design		

Environment

Operating Humidity	30% to 90% RH, Non-Condensing	Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 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 USB3.2 Gen1x1 (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 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

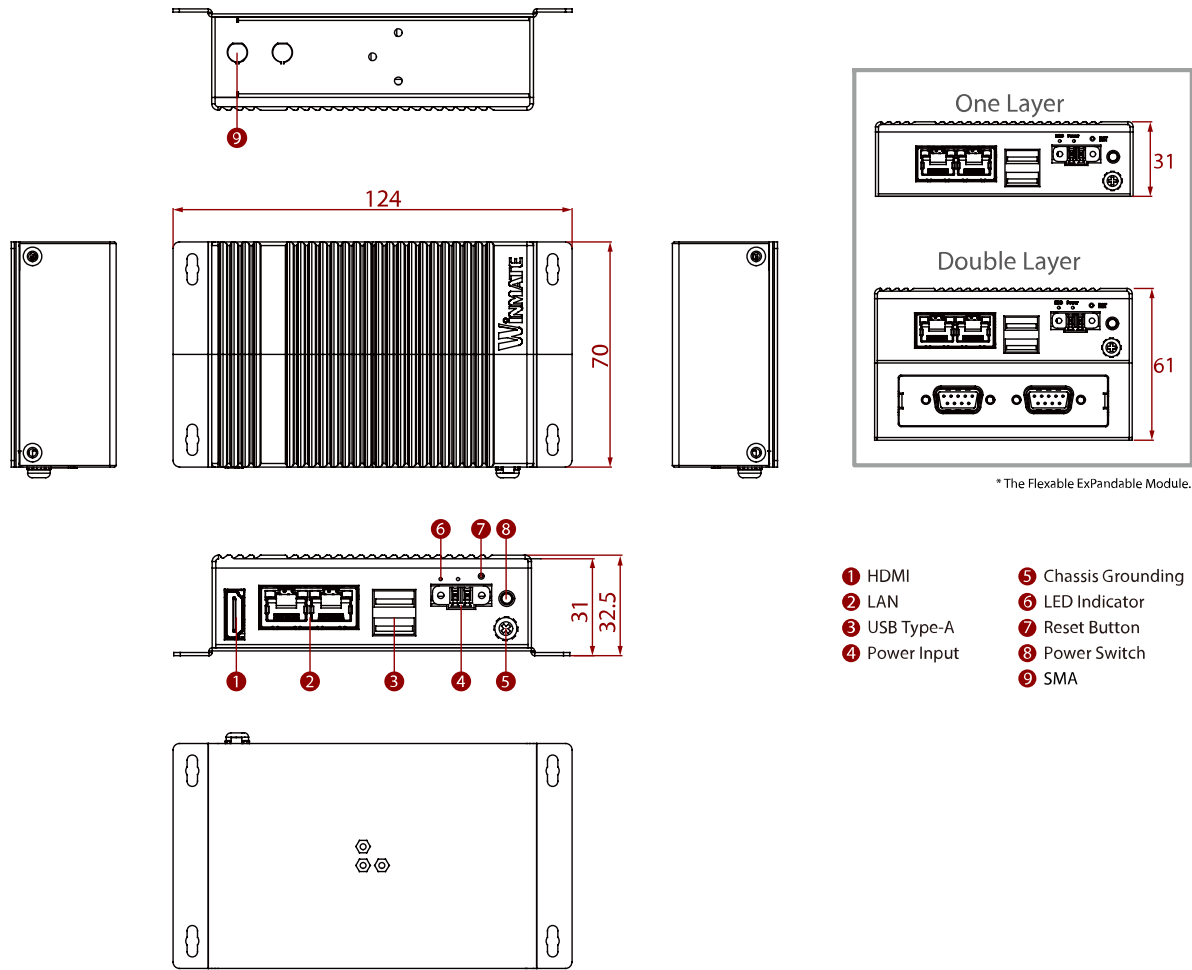|			
Power Rating	9V~36V DC, 2-Pin Terminal Block	**Adapter**	12V 36W

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 fanless computer EACIL20

One Layer

31

Double Layer

61

* The Flexable ExPandable Module.

124

70

31
32.5

❶ HDMI   ❺ Chassis Grounding
❷ LAN   ❻ LED Indicator
❸ USB Type-A   ❼ Reset Button
❹ Power Input   ❽ Power Switch
                ❾ SMA

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.

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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