

IBDRW100-EL

Intel® Celeron® N6120 DIN Rail Box PC



KEY FEATURES

- DIN Rail design for Industrial Automation application
- Onboard Intel® Celeron® N6210 Processor 1.2GHz, up to 2.6GHz
- 1 x SO-DIMM DDR4 Memory, up to 16GB
- 1 x RS232/ 422/ 485 communication, select thru BIOS
- 4 x Giga LAN, 3 x USB 3.2 Gen1x1, 1 x USB 2.0, 1 x VGA
- 1 x Line out, 1 x line in, 1x Mic in, 1 x Power Jack
- Fanless, streamlined enclosure for highly efficient heat Dissipation
- AWS IoT Greengrass certified



SPECIFICATIONS

System Specification			
WLAN	Support (Optional)	BT	Support (Optional)
Expansion Port	1 x M.2 2230 E-key (for half size Wifi module) 1 x M.2 2242 B-key Slot (for SSD)	Processor	Intel® Celeron® N6210 (1.5M Cache, up to 2.6GHz)
Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional)	Storage	1 x M.2 2242 B-key SSD 128GB 256GB (Optional) 512GB (Optional) 1 x SATA III for 2.5" SSD/HDD (Optional)
Ethernet controller	4 x Intel® Ethernet Controller	Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 20.04 (Optional) Linux Ubuntu 22.04 (Optional)		
Mechanical			
Dimension	139 x 65.4 x 152 mm	Mounting	Din-Rail Mounting
Enclosure	Aluminum Housing	Cooling System	Fanless design
Environment			
Operating Humidity	10% to 90% (non-condensing)	Operating Temperature	-20~60°C
Storage Temperature	-40~70°C	Shock	15G, 11ms duration
Vibration	5Hz~500Hz / 1Grms / 3 axis		
Certification			
Certification	CE, FCC, IC, AWS IoT Greengrass Certified		
IO Ports			
Power Input	1 x 9~36V DC, 3-Pin Terminal Block	USB Port	3 x USB3.2 Gen2x1 (Type-A) 1 x USB2.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS422/485 (Default RS422)	Video	1 x VGA
Audio	Mic in Line in Line out	Expansion Port	1 x M.2 2230 E-key (for half size Wifi module)
LAN	4 x Giga LAN RJ45 Connector	Indicator	1 x LED Indicator for power 1 x LED Indicator for storage

DIDO Terminal block with digital 9 in / 9 out (Optional)

Control

Button 1 x Power Button

Accessory

Accessory 100~240V AC to DC Adapter
Power Cord
2 x Terminal Block 10 pin fconnector for DIDO
Open Wire Cable with terminal block connector
Terminal Block 3 pin to 2.5Ø Female Adapter
Cable
Driver CD & Manual
Din Rail Mounting kits

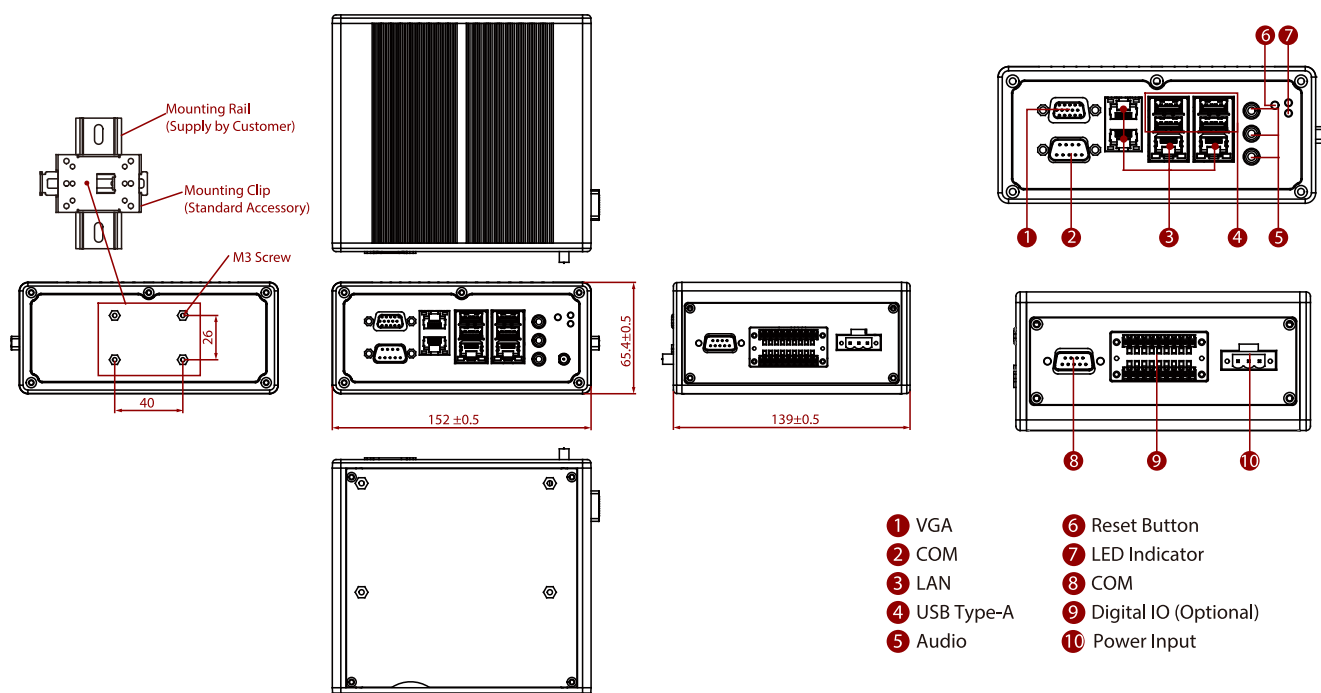
Power

Power Rating 9V to 36V DC with isolation, 3-Pin Terminal Block

Adapter

12V 84W

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. All specifications are subject to change without prior notice.
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.