

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, 4 x USB 3.2 Gen1x1, 1 x VGA, 1 x DVI-D
- 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 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, UL/CSA 62368-1 AWS IoT Greengrass Certified
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IO Ports

Power Input	1 x 9~36V DC, 3-Pin Terminal Block	USB Port	4 x USB3.2 Gen 1x1(5Gbps, 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		

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

