IBDRW100-EX

Intel® Celeron® N2930 ATEX DIN Rail Box PC (C1D2 Certified)



KEY FEATURES

- Class 1, Division 2 & ATEX Zone 2 device certified for hazardous area application
- Designed for industrial automation, DIN Rail application
- Intel® Celeron® N2930 Bay Trail-M Processor
- 1 x RS232 / 422 / 485 communication, switch by jump
- 4 x Giga LAN, 1 x USB 3.0, 3 x USB 2.0, 1 x VGA, 1 x Line out, 1 x Power Jack
- Fanless, streamlined enclosure for highly efficient heat dissipation
- Rated for wide temperature use -20°C to 60°C
- AWS IoT Greengrass Certified















SPECIFICATIONS

System Specification

Processor	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)	Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Storage	1 x mSATA SSD 64GB mSATA SSD up to 512GB (Optional) 1 x SATA II for 2.5" HDD (Optional)	Ethernet controller	4 x Intel® Ethernet Controller I210-IT
Security	TPM 2.0	Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
WLAN	Support (Optional)	ВТ	Support (Optional)
Expansion Port	1 x mPCle slot(for half size Wifi module) 1 x mPCle slot(for SSD)		
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	-40~80°C	Shock	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6		

Certification

CE, FCC Certification

Ordinary Location Safety:

UL60950-1, CSA C22.2 No. 60950-1-07, EN

62368-1, IEC60950-1

Hazardous Location Safety: ATEX II 3 G Ex nA IIC T4 Gc Class 1, Division 2, Group A, B, C, D

Temperature Code T4A

IO Ports			
Power Input	1 x 9~36V DC, 3-Pin Terminal Block	USB Port	1 x USB3.0 (Type-A) 3 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 mPCle slot(for half size Wifi module)
LAN	4 x Giga LAN RJ45 Connector (one of them is disabled if WLAN module is added)	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 Cable Holder kits		
Power			

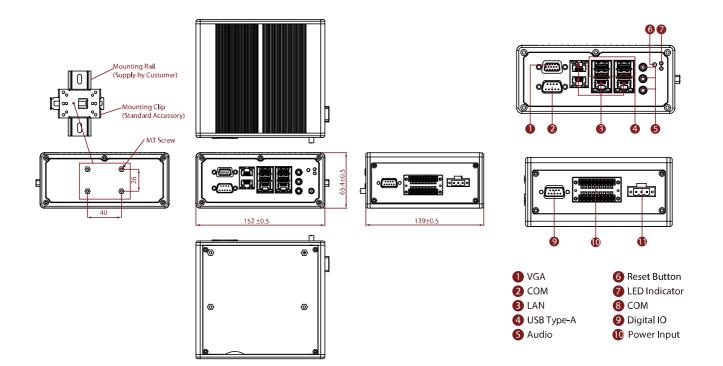
Adapter

DIMENSIONS

Power Rating

UNIT:MM

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



12V 36W