

IBDRW100

Intel® Celeron® N2930 DIN Rail Box PC



KEY FEATURES

- DIN Rail design for Industrial Automation application
- Onboard Intel® Celeron® Quad-Core N2930 1.83GHz, up to 2.16GHz
- 1 x DDR3L SODIMM slot, 4GB, DIN Rail Box PC
- 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, High efficiency thermal design
- 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)	BT	Support (Optional)
Expansion Port	1 x mPCIe slot(for half size Wifi module) 1 x mPCIe 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	-40~70°C	Shock	15G, 11ms duration
Vibration	5Hz~500Hz / 1Grms / 3 axis		
Certification			
Certification	CE, FCC, UL60950-1, CSA C22.2 No. 60950-1-07, EN 62368-1, IEC60950-1 Microsoft Azure Certified for IoT AWS IoT Greengrass Certified		
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 mPCIe slot(for half size Wifi module)
LAN	4 x Giga LAN RJ45 Connector	Indicator	1 x LED Indicator for power

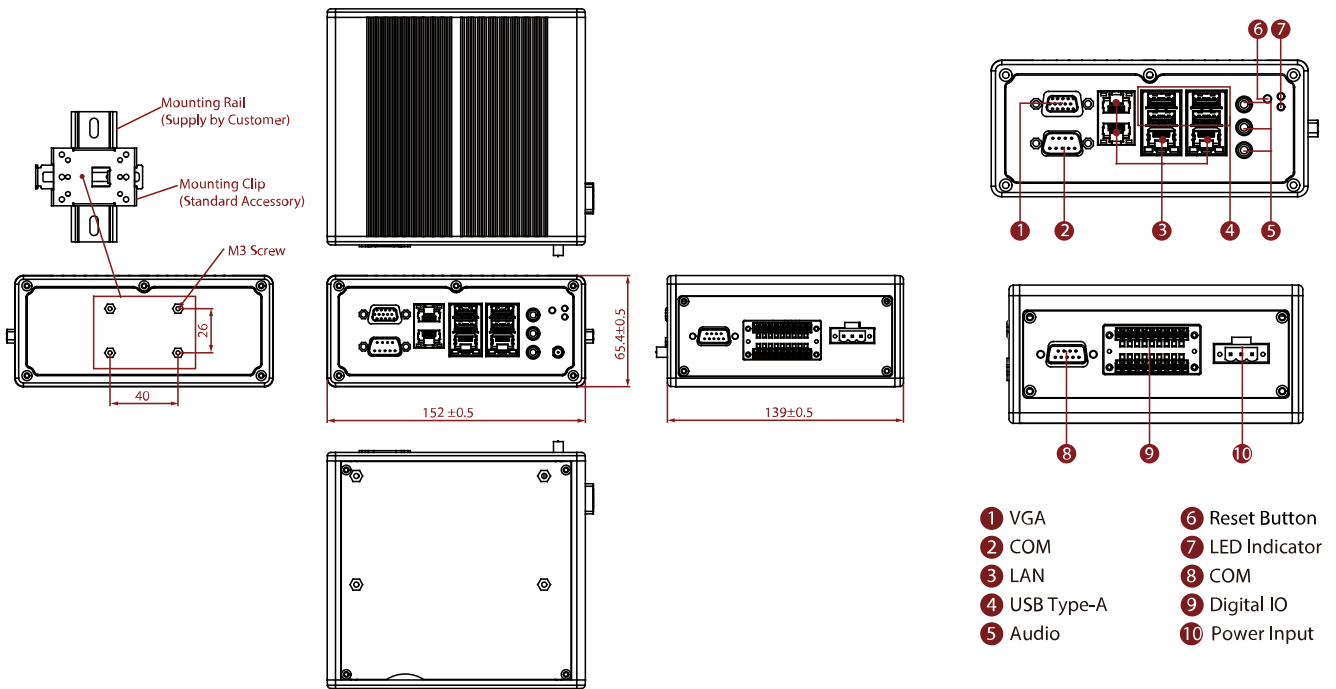
(one of them is disabled if WLAN module is added)

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 36W

DIMENSIONS UNIT:MM

Winmate DIN Rail Box PC IBDRW100



NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. LAN3 disabled if WLAN Module is added.
3. Length measurements do not include protrusions. Weight varies with options.
4. Measured at maximum backlight and high CPU load.
5. Accessories and integrated options may vary depending on your configuration
6. This is a simplified drawing and some components are not marked in detail.
7. All specifications are subject to change without prior notice.
8. 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.