

IBDRW100-EX-P

Intel® Atom® E3950 軌道型工業電腦 (C1D2認證)



KEY FEATURES

- Class 1, Division 2 設備通過了危險區域應用認證。
- 工業自動化應用的軌道型設計。
- Intel® Atom® E3950 1.6 GHz, up to 2.0 GHz 處理器。
- 1 x RS232/ 422/ 485 通訊, 通過 BIOS 選擇。
- 4 x Giga LAN, 3 x USB 3.0, 1 x USB 2.0, 1 x VGA, 1 x Line out, 1 x line in, 1 x Mic in, 1 x Power Jack。
- 無風扇, 流線型外殼, 可實現高效散熱。
- -40°C~70°C 工作溫度範圍。
- AWS IoT Greengrass 認證。



SPECIFICATIONS

系統規格

無線通訊網路	Support (Optional)	藍牙	Support (Optional)
擴充端口	1 x M.2 2230 E-key (for half size Wifi module) 1 x M.2 2242 B-key Slot (for SSD)	處理器	Intel® Atom® E3950 (2M Cache, up to 2.0 GHz) Intel® Atom® E3940 (2M Cache, up to 1.8 GHz) Intel® Atom® E3930 (2M Cache, up to 1.8 GHz)
記憶體	1 x SO-DIMM, DDR3L 1866 MHz, 4GB 8GB (Optional)	儲存空間	1 x M.2 2242 B-key SSD 64GB M.2 2242 B-key SSD up to 512GB (Optional) 1 x SATA III for 2.5" SSD/HDD (Optional)
以太網控制器	4 x Intel® Ethernet Controller I210-IT	安全支援	TPM 2.0
作業系統	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)		

機構

外觀尺寸	139 x 65.4 x 152 mm	安裝	Din-Rail Mounting
外殼	Aluminum Housing	冷卻系統	Fanless design

環境

工作濕度	10% to 90% (non-condensing)	工作溫度	-40~70°C
儲存溫度	-40~80°C	衝擊	MIL-STD-810G Method 516.6
振動	MIL-STD-810G Method 514.6		

認證

認證	CE, FCC, IC Ordinary Location Safety : UL/CSA 62368-1 Hazardous Location Safety: Class 1, Division 2, Group A, B, C, D Temperature Code T5
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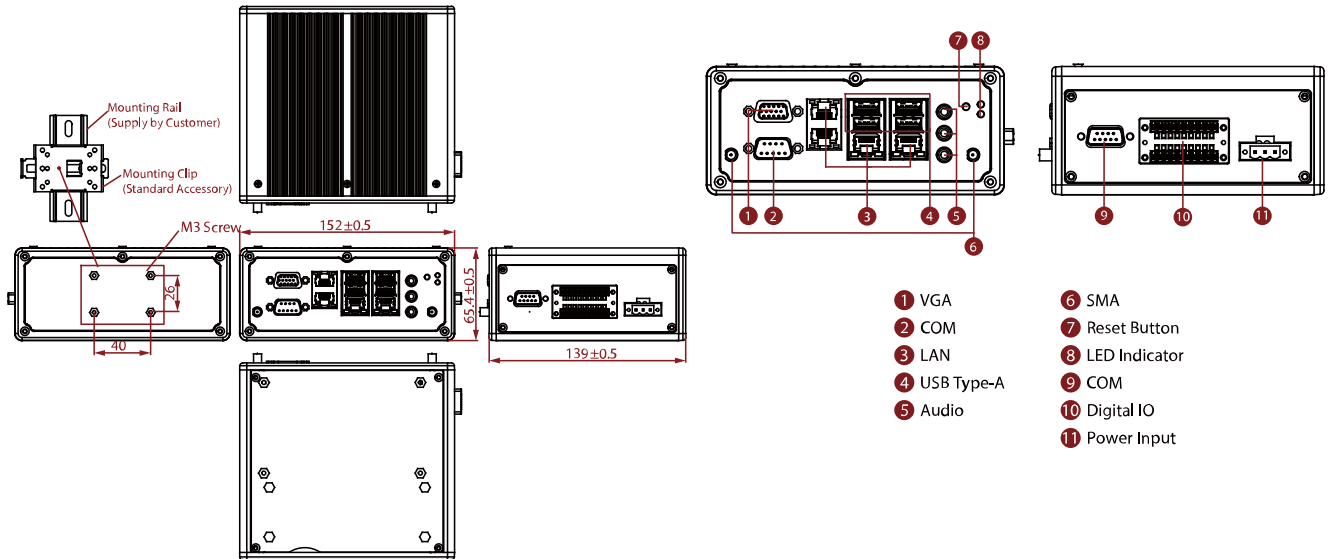
訊號埠

電源輸入	1 x 9~36V DC, 3-Pin Terminal Block	USB埠	3 x USB3.0 (Type-A) 1 x USB2.0 (Type-A)
序列埠	1 x RS232/422/485 (Default RS232) 1 x RS422/485 (Default RS422)	影像	1 x VGA
音訊	Mic in Line in Line out	擴充端口	1 x M.2 2230 E-key (for half size Wifi module)

有線網路	4 x Giga LAN RJ45 Connector	指示燈	1 x LED Indicator for power 1 x LED Indicator for storage
數位輸入/輸出	Terminal block with digital 9 in / 9 out		
控制			
按鈕	1 x Power Button		
配件			
配件	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		
電源			
電源規格	9V to 36V DC with isolation, 3-Pin Terminal Block	電源適配器	12V 84W

DIMENSIONS UNIT:MM

Winmate IBDRW100-EX-P



NOTE

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