

IB32

Intel® Celeron® N2930 x86嵌入式單板



KEY FEATURES

- 3.5" 外形尺寸 (146 mm x 102 mm)
- Intel® Celeron® N2930 1.83GHz 處理器
- Intel® ATOM SoC集成
- 集成式 VGA, 雙通道 24-bit LVDS, HDMI
- 1 x DDR3L SO-DIMM 1066 MHz, 最大 8GB
- 集成式 Intel® I210-AT乙太網路
- 支持 1 x SATA II, 4 x COM, 1 x USB 3.0, 5 x USB 2.0 12 x GPIO, 1 x 1394b, 1 x Mini PCIe插槽



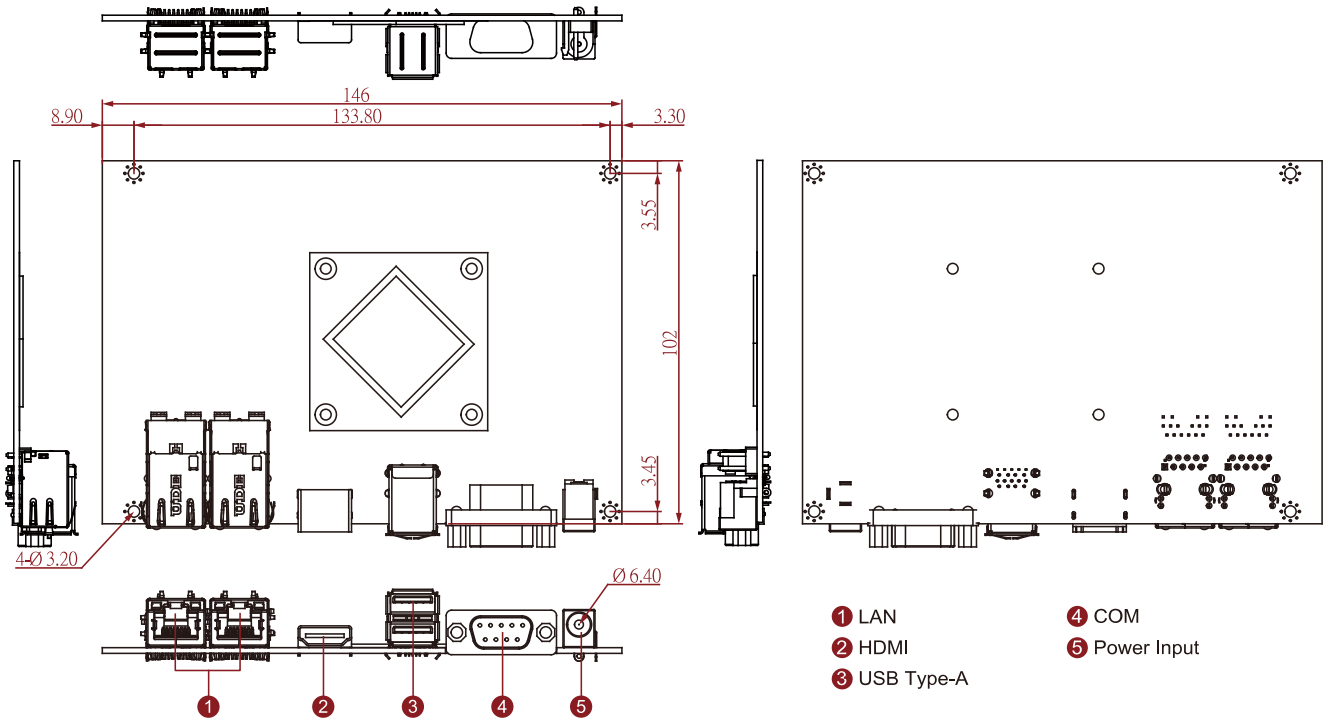
SPECIFICATIONS

系統規格			
處理器	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)	記憶體	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
儲存空間	1 x mSATA SSD 64GB. mSATA SSD up to 512GB. (Optional)	以太網控制器	2 x Intel® Gigabit Ethernet Controller
作業系統	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)		
訊號埠			
電源輸入	1 x 12V DC, 2.5φ DC jack	USB埠	1 x USB3.0 (Type-A) 1 x USB2.0 (Type-A)
序列埠	1 x RS232/422/485 (Default RS232)	影像	1 x HDMI 1.4 (Optional)
有線網路	2 x Giga LAN RJ45 Connector	mini PCIe	1 x Mini PCIE
內部訊號埠			
電源輸入	1 x 2pin(1x2) for 12V DC in	電源輸出	1 x 2pin(1x2) blue wafer for 3.3V DC out 1 x 2pin(1x2) red wafer for 5V DC out 1 x 2pin(1x2) yellow wafer for 12V DC out
USB接口	2 x 8pin(2x4) for 4 x USB 2.0	序列埠	3 x 10pin(2x5) for RS232
顯示	1 x 40pin DF13 connector for LVDS 1 x 10pin(2x5) for VGA (Optional)	背光	1 x 7pin(1x7) for panel backlight
串行ATA	1 x SATA II 1 x 8pin(2x4) for SATA power	數位輸入/輸出	1 x 14pin(2x7) for Digital input/output
VR	1 x 3pin(1x3) for Digital panel backlight brightness control 1 x 5pin(1x5) VRD debug port	風扇	1 x 3pin(1x3) for CPU Fan
前控制面板	1 x 10pin(2x5) for OSD control	喇叭	2 x 2pin(1x2) for Speaker
後備電池	1 x 2pin(1x2) for RTC battery	音訊	1 x 12pin(2x6) for Line in/Line out/ Mic in
BIOS除錯	1 x 10pin(2x5) for LPC debug		
認證			
認證	CE, FCC		
機構			
外觀尺寸	146 x 102 mm		
環境			
工作濕度	60 °C @ 95% RH, (non-condensing)	工作溫度	0~60°C

儲存溫度	-40~70°C		
配件	Manual & Driver CD		
電源	12V DC		
電源規格	12V DC	電源適配器	12V 50W

DIMENSIONS UNIT:MM

Winmate IB32



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.