

IK32

Intel® Core™ i5-7200U x86 嵌入式單板



KEY FEATURES

- 3.5" 外形尺寸 (146 mm x 102 mm)
- Intel® Core™ i5-7200U 處理器
- Intel® SoC 集成
- 一個 DDR4-2133 SO-DIMM 內存
- Intel® Gigabit-LAN 控制器 I211AT + PHY I219LM
- 2 x SATA III、5 x COM、2 x USB 3.0、4 x USB 2.0
- 1 x M.2 2242 Key B 插槽 (用於 SATA III SSD)
- 1 x M.2 2230 Key E 插槽 (用於 PCIe + USB 2.0 無線模塊)
- 1 x HDMI



SPECIFICATIONS

系統規格

處理器	Intel® Core™ i5-7200U (3M Cache, up to 3.10 GHz) Intel® Core™ i5-7300U (3M Cache, up to 3.50 GHz)	記憶體	1 x SO-DIMM, DDR4 2133 MHz, 4GB 8GB (Optional) 16GB (Optional)
儲存空間	1 x M.2 2242 SSD 128GB M.2 2242 SSD up to 512GB (Optional)	以太網控制器	Intel® Ethernet Controller I211-AT + Intel® Ethernet Connection I219-LM
安全支援	TPM 2.0	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	2 x USB3.0 (Type-A)
序列埠	1 x RS232/422/485 (Default RS232)	影像	1 x HDMI 1.4 (Optional)
擴充端口	1 x M.2 2242 Key B slot for SSD 1 x M.2 2230 Key E slot for WiFi (Optional)	有線網路	2 x Giga LAN RJ45 Connector

內部訊號埠

電源輸入	1 x 2pin(1x2) for 12V DC in 1 x 4pin(1x4) 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	4 x 10pin(2x5) for RS232
顯示	1 x 40pin DF13 connector for LVDS 1 x 30pin DF13 connector for eDP (Optional) 1 x 10pin(2x5) for VGA (Optional)	背光	1 x 7pin(1x7) for panel backlight
串行ATA	2 x SATA III 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 3pin(1x3) VR/Software brightness switch jumper 1 x 3pin(1x3) PWM/DC brightness switch jumper 1 x 3pin(1x3) 3.3V/5V PWM Level switch jumper	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		

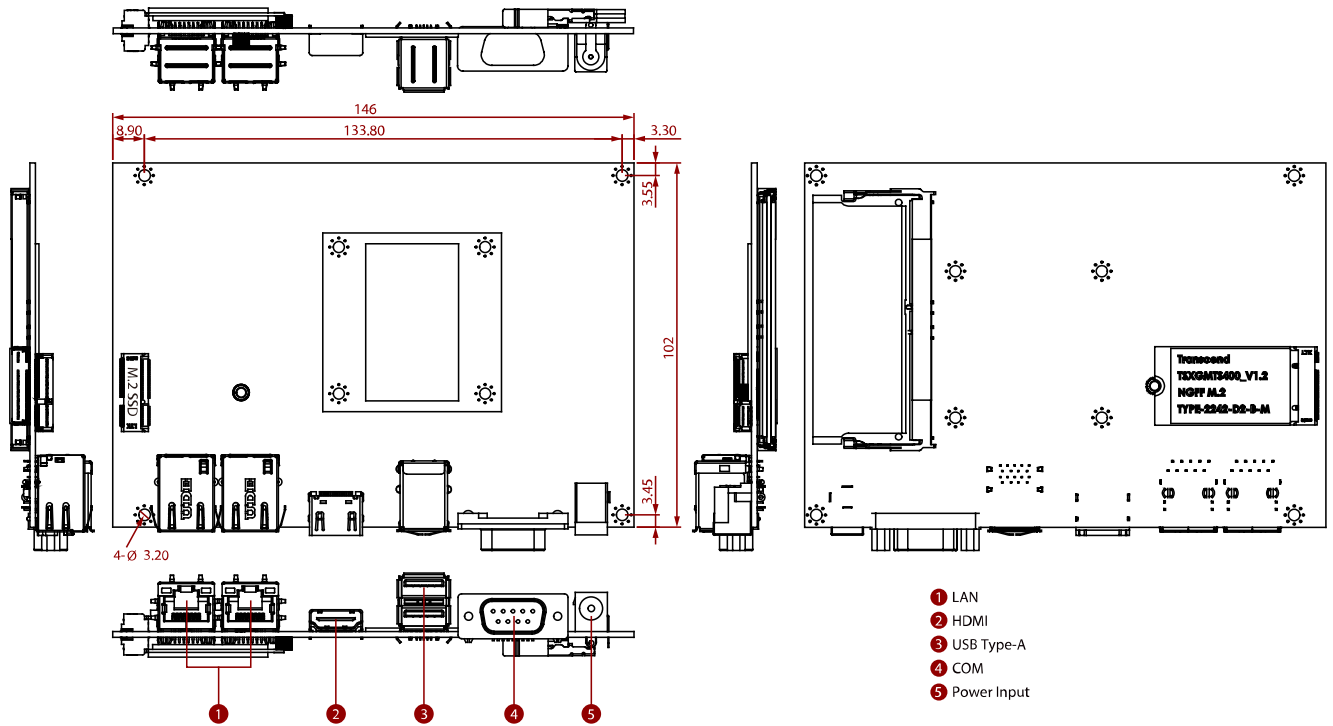
認證

認證	CE, FCC
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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			
配件	Manual & Driver CD		

DIMENSIONS UNIT:MM

Winmate IK32



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.