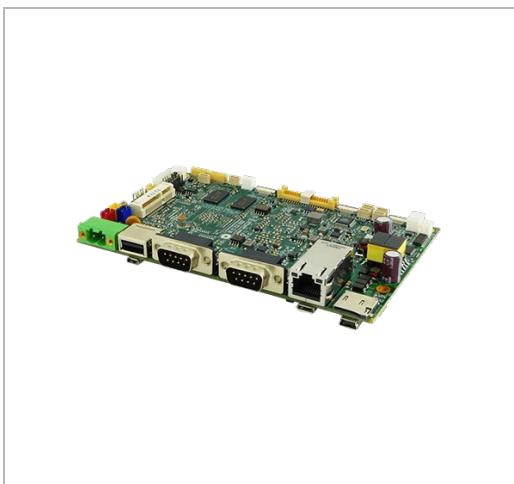


# FA30

## NXP i.MX6 Dual Core ARM 嵌入式單板



### KEY FEATURES

- 3.5" 外形尺寸 (146mm x 101mm)
- NXP i.MX6 雙核 1GHz 處理器
- 可升級到四核或 2GB RAM (可選)
- Android 6.0, Linux 4.1.15 QT 5.5 (可選), Ubuntu 16.04 (可選)
- 1 x micro SD/ SDHC Card 插槽
- 內置 16GB eMMC
- 支持乙太網路供電 (PoE) (可選)
- 1 x Micro-HDMI輸出



### SPECIFICATIONS

系統規格			
處理器	NXP i.MX6 Dual Core, 1.0GHz	記憶體	1GB 2GB (Optional)
儲存空間	Onboard 16GB eMMC Onboard 32GB eMMC (Optional)	作業系統	Linux Ubuntu 18.04 (Optional) Android 6.0 (Optional) Debian 7.0 (Optional) Linux 4.1.15 QT 5.5 (Optional)
訊號埠			
電源輸入	1 x 12V DC, 2-Pin Terminal Block	USB埠	1 x Console Port (Mini USB) 1 x USB OTG (Micro USB) 1 x USB2.0 (Type-A)
序列埠	1 x RS232/422/485 (Default RS232)	SD卡槽	1 x Micro SD card slot
影像	1 x Micro HDMI (Optional)	有線網路	1 x LAN RJ45 Connector with PoE(PD, 802.3 at)
CANBUS	1 x CANBUS, D-sub9		
內部訊號埠			
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	5 x 4pin(1x4) for USB 2.0
UART接口	2 x 8pin(1x8) for UART 1 x 6pin(1x6) for debug	顯示	1 x 40pin DF13 connector for LVDS
背光	1 x 7pin(1x7) for panel backlight 1 x 2pin(1x2) for backlight	數位輸入/輸出	1 x 10pin(2x5) for Digital input/output
VR	1 x 3pin(1x3) for Backlight control VR	喇叭	2 x 2pin(1x2) for Speaker
後備電池	1 x 2pin(1x2) for RTC battery	音訊	1 x 2pin(1x2) for Microphone
重設	1 x 4pin(1x4) for Reset	CAN2	1 x 4pin(1x4) for CAN2
積體電路匯流排	1 x 12pin FPC connector for NFC 1 x 10pin FPC connector for Touch		
認證			
認證	CE, FCC		
機構			
外觀尺寸	146 x 102 mm		
環境			
工作濕度	30% to 90% (non-condensing)	工作溫度	-20~60°C

儲存溫度 -25~65°C

## 電源

電源規格 12V DC

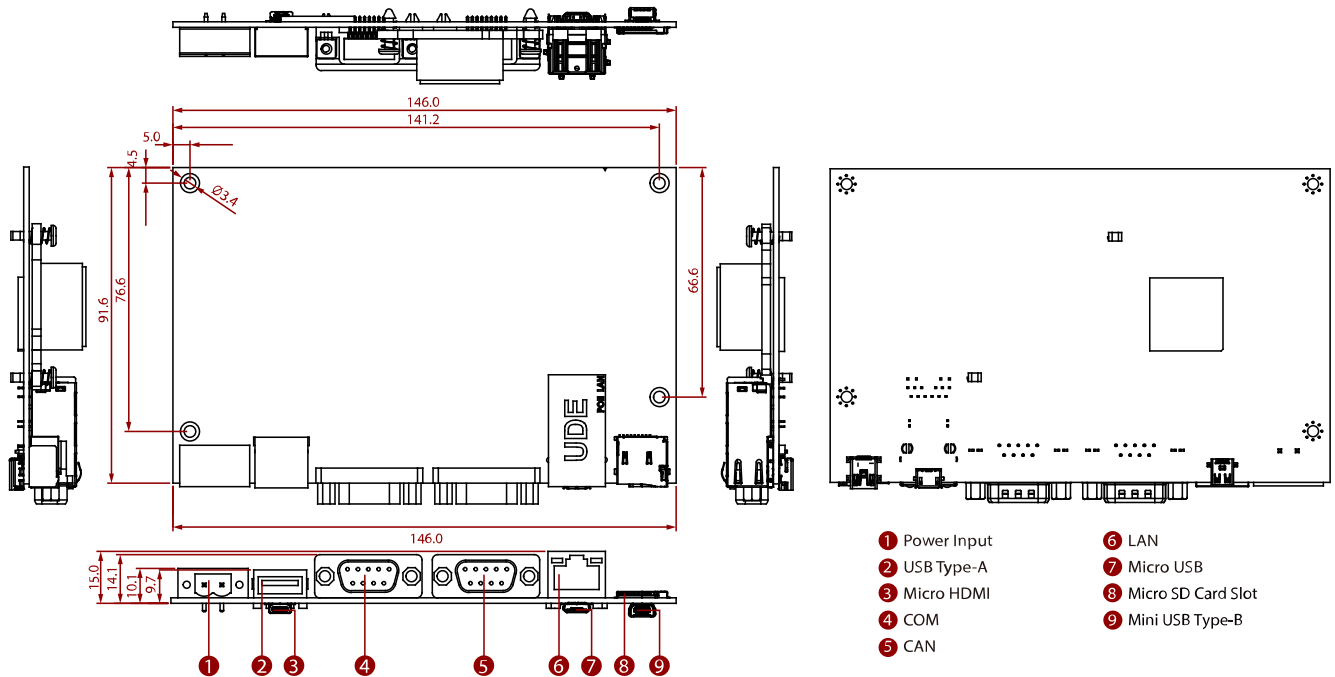
電源適配器

12V 50W

PoE PoE (PD): follows IEEE 802.3at (25 W)

## DIMENSIONS UNIT:MM

### Winmate FA30



## 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.