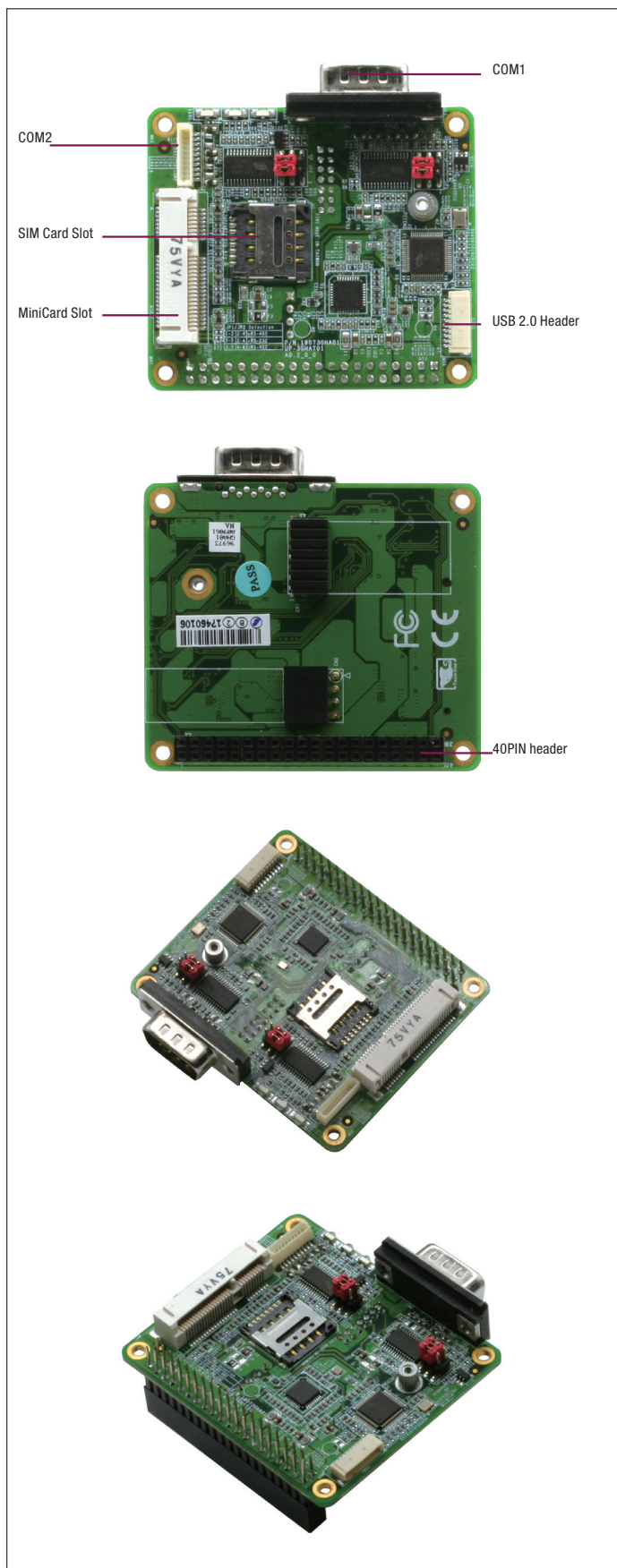


UP-3G HAT

RS-232/422/485 x 2, Mini Card x 1, uSIM Card Reader x 1



Features

- RS-232/422/485 x 2
- Minicard x 1, uSIM Card Reader x 1
- HAT 40-pin Header x 1
- WiFi Module Header for x 1



Specifications

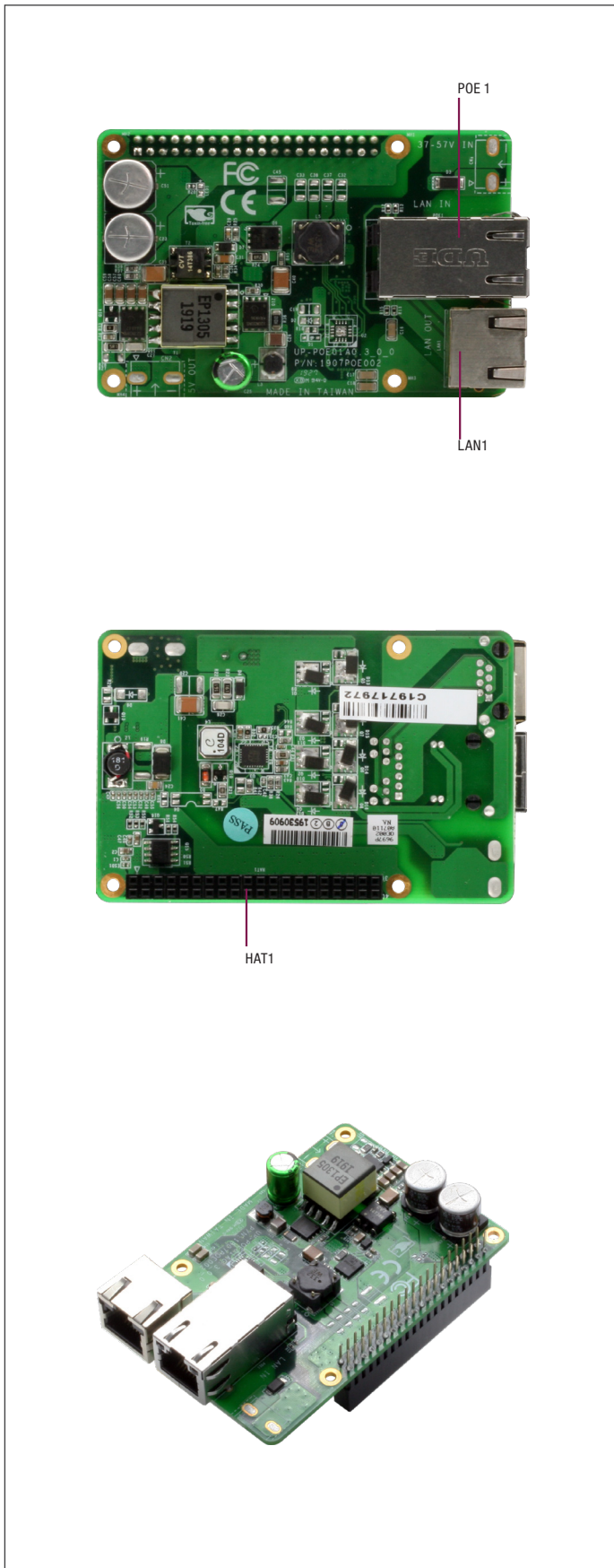
System	
IC	2-CH FULL-SPEED USB UART x 1 USB 2.0 Hub x 1 RS-232/RS-485/RS-422 transceiver x 2
I/O Placements	
External Ports	RS-232/422/485 Connector (DB9) x 1
Internal connector	RS-232 wafer (RS-232/422/485) x 1 USB wafer x 1 Minicard x 1 uSIM Card Reader x 1 HAT 40 GPIO male (4x GPIO, 3.3V, 5V, GND) x 1 WiFi LED x 1 3G LED x 1 Power LED x 1
Others	
Form Factor	2.56" x 2.2" (65 mm x 56 mm)
Certification	CE/FCC Class A
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Operating Humidity	10%~80% RH, non-condensing
Optional	
WiFi Module	UP-WIFIMD-A20-7001 (WiFi module: 7M02) UP-WIFIMD-A20-4001 (WiFi module: 4M02)
BT Module	—
3G Module	9741UC20G0 (3G module: UC20-G)

Packing List

- UP-3G HAT
- 1700100061
USB Y Cable.10P 1.0mm HSG(F).10P 1.0mm HSG(F).6cm

Ordering Information

Part Number	Description
UP-3GHAT-A20-0001	3G HAT



Features

- IEEE802.3 AT Standard
- Max 25W Power Supply
- 10/100/1000 Mbps LAN
- RJ45 Input x 1
- RJ45 Output x 1



Specifications

System	
IC	LT4321I (PoE Ideal Diode Bridge Controller) x 1 LT4276B (PD Forward / Flyback Controller) x 1
I/O Placements	
External Ports	RJ45 input x 1 RJ45 output x 1
Internal connector	HAT 40 GPIO male (5V, GND) x 1
Others	
Form Factor	3.37" x 2.22" x 0.98" (85.6 mm x 56.5 mm x 25 mm)
Certification	CE / FCC Class A
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
OS Support	No OS limitation

Packing List

- LAN cable
- UP-POE HAT

Ordering Information

Part Number	Description
UP-POE-A20-0001	POE board