

Em-ITX I/O Cards

VIA EMIO-3430

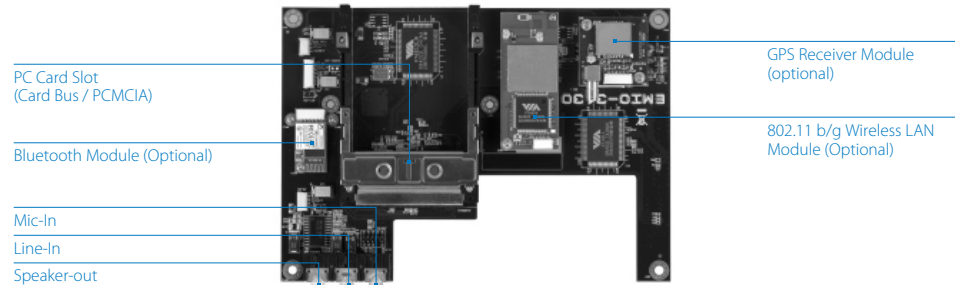
Em-IO Card with 1 PC Card slot, Optional GPS, Bluetooth, Wireless LAN

Features

- Supports one PC Card slot for PCMCIA or CardBus card
- Supports interface socket for optional 802.11b/g Wireless LAN card
- Supports interface sockets for optional GPS module
- Built-in 6-W stereo audio power amplifier
- Compatible with Em-IO based system board: EITX-3000



Board Placement



Specifications

Part Number	EMIO-3430-00A1
Bus Interface	Em-IO
Bridge	Tundra Tsi382 PCIe-to-PCI Bridge
PC Card Interface	Ricoh R5C803 PC card controller. Supports One PC card slot Supports CardBus (Card-32) card and 16-bit (PCMCIA 2.1/JEIDA4.2) card Supports +5 V, +3.3 V and +12 V @ 120 mA working power
GPS Module (Optional)	VIA VT1211 LPC UART controller <ul style="list-style-type: none"> • Reserved socket for EMIO-1532, a Leadtek LR9102 20-channel GPS receiver • Optional support of external antenna
Bluetooth (Optional)	VIA VT6212L PCI to 4 ports USB2.0 controller <ul style="list-style-type: none"> • Reserved socket for EMIO-1531, a Qcom QBT400UB 01P Bluetooth core specification version 2.1 compliant + EDR supported module , with printed PCB antenna on board • Bluetooth Class 2 output power, multi-point operation with full 7 slave piconet support
WLAN (Optional)	VIA VT6212L PCI to 4 ports USB 2.0 controller <ul style="list-style-type: none"> • Reserved socket for EMIO-1530 USB interface of Wireless LAN module • Support IEEE802.11b/g
Audio	Supports HD Audio stereo sound by cable. Onboard TI TPA1517, a 6-W stereo audio power amplifier. Supports Line-in, Speak-out, Mic-in connectors
Dimension	170 mm (W) x 120 mm (L)
Operating Temperature	0 ~ 60°C
Operating Humidity	0% ~ 90% relative humidity, non-condensing

Ordering Information

Part Number	Description
EMIO-3430-00A1	1 PC card slot, Audio, Em-IO card
EMIO-3430-01A1	1 PC card slot, GPS, Bluetooth, WLAN (US version), Audio, Em-IO card
EMIO-3430-02A1	1 PC card slot, GPS, Bluetooth, WLAN (EU version), Audio, Em-IO card

Optional Ordering Items

Part Number	Description
EMIO-1530-A0A1	802.11 b/g Wireless LAN USB module for EMIO-3430-00A1, USA type
EMIO-1530-A1A1	802.11 b/g Wireless LAN USB module for EMIO-3430-00A1, Europe type
EMIO-1531-00A1	USB interface of Bluetooth 2.1 module for EMIO-3430-00A1
EMIO-1532-00A1	RS-232 interface, SiRFStarIII base, of 20-ch GPS receiver for EMIO-3430-00A1

Packing List

Items for EMIO-3430-00A1	Items for EMIO-3430-01A1	Items for EMIO-3430-02A1
1 x EMIO-3430 Em-IO card	1 x EMIO-3430 Em-IO card	1 x EMIO-3430 Em-IO card
1 x Board to board Audio cable	1 x Board to board Audio cable	1 x Board to board Audio cable
1 x Hex spacer accessory kit (6 x M3*5.5*19 mm)	1 x Hex spacer accessory kit (6 x M3*5.5*19 mm)	1 x Hex spacer accessory kit (6 x M3*5.5*19 mm)
1 x Quick guide	1 x EMIO-1531 Bluetooth module kit	1 x EMIO-1531 Bluetooth module kit
	1 x EMIO-1532 GPS module kit	1 x EMIO-1532 GPS module kit
	1 x EMIO-1530 WLAN (US version) module kit	1 x EMIO-1530 WLAN (EU version) module kit
	1 x Quick guide	1 x Quick guide
	1 x Software driver and utility CD	1 x Software driver and utility CD