

## Em-ITX I/O Cards

VIA

# EMIO-3430

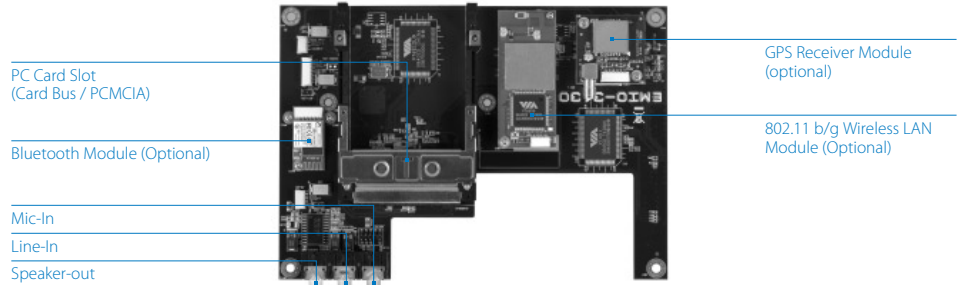
Em-IO Card with 1 PC Card slot, Optional GPS, Bluetooth, Wireless LAN

### Features

- Supports one PC Card slot for PCMCIA or CardBus card
- Supports interface socket for optional 802.11 b/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

<b>Part Number</b>	<b>EMIO-3430-00A1</b>
<b>Bus Interface</b>	Em-IO
<b>Bridge</b>	Tundra Tsi382 PCIe-to-PCI Bridge
<b>PC Card Interface</b>	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
<b>GPS Module (Optional)</b>	VIA VT1211 LPC UART controller <ul style="list-style-type: none"> <li>• Reserved socket for EMIO-1532, a Leadtek LR9102 20-channel GPS receiver</li> <li>• Optional support of external antenna</li> </ul>
<b>Bluetooth (Optional)</b>	VIA VT6212L PCI to 4 ports USB2.0 controller <ul style="list-style-type: none"> <li>• 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</li> <li>• Bluetooth Class 2 output power, multi-point operation with full 7 slave piconet support</li> </ul>
<b>WLAN (Optional)</b>	VIA VT6212L PCI to 4 ports USB 2.0 controller <ul style="list-style-type: none"> <li>• Reserved socket for EMIO-1530 USB interface of Wireless LAN module</li> <li>• Support IEEE802.11b/g</li> </ul>
<b>Audio</b>	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
<b>Dimension</b>	170 mm (W) x 120 mm (L)
<b>Operating Temperature</b>	0 ~ 60°C
<b>Operating Humidity</b>	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