

# rBOX Accessories

## DD-85-48

Description: 85W/1.78A 48VDC Industrial Power Supply  
Applied for rBOX104/204 with 24V DC-In Solution

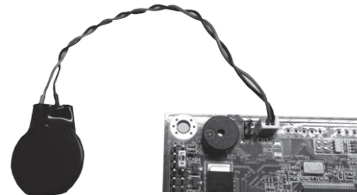
### Specifications

- Output
  - DC Voltage: 48VDC
  - Current Range: 0 ~ 1.78A
  - Rated Power: 85W
- Input
  - Voltage Range: 12 ~ 36VDC
  - Inrush Current: 13A/12VDC or 50A/36VDC
- Protection
  - Over Voltage Protection: 58V
  - Over-Current Protection: 110% - 160% of rated value
- Dimensions: 50 mm (1.96") (W) x 148 mm (5.82") (D) x 165 mm (6.49") (H)
- Weight: 1.2 kg (2.64lbs)
- Installation: Din-rail
- Operating Temperature: -10°C ~ +60°C (-14°F ~ +140°F)
- Storage Temperature: -20°C ~ +85°C (-4°F ~ +185°F)
- Working Humidity: 0% to 95% RH



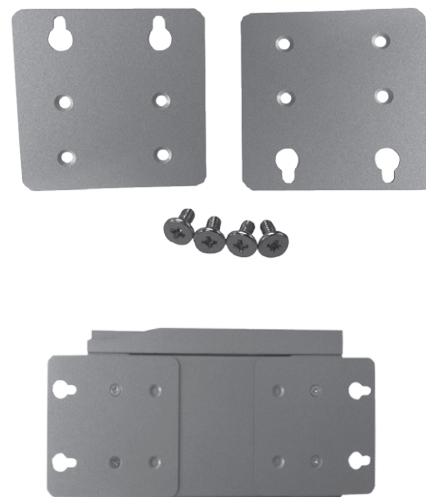
## Battery for RTC Function

Description: Industrial Battery-LI 3V BR2032 with 113 mm wire  
P/N: 50322032040E  
Applied for rBOX100/101/103/104/200/201/204  
Operating Temperature: -40°C ~ +85°C



## Wall Mounting Kit

P/N: 826M1000040E  
Applied for All rBOX series



Consequent:

Overview

Embedded Systems

Embedded Systems for Transportation

3 Embedded Field Controllers

Industrial Firewall

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

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# 3G & Wi-Fi Parts for Industrial Solution

## 3G/GPRS (EHS5-E) Module Kit for rBOX

P/N: 826M1011190E

Includes: 3G Module + Antenna + RF cable + CD disk + Screws

Applied for All rBOX

Feature: ISF Certification with rBOX310-4COM

Operating Temperature: -30°C ~ +85°C

Operating Temperature under rBOX system: -30°C ~ +60°C

Frequency Bands Applicable Areas: Europe / Asia



## Wi-Fi Module Kit for rBOX

P/N: 826M1111040E

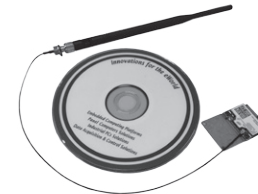
Includes: Wi-Fi Module + Antenna + RF cable + Bracket + CD disk + Screws

Applied for rBOX111-4COM, rBOX310-4COM

Feature: Intel® Centrino Advanced-N6205

Operating Temperature: -40°C ~ +85°C

Operating Temperature under rBOX system: -40°C ~ +70°C



## Wi-Fi Module Kit for rBOX

P/N: 826M1201030E

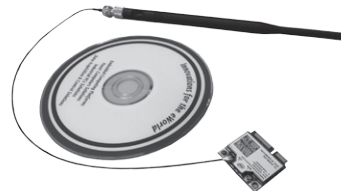
Includes: Wi-Fi Module + Antenna + RF cable + CD disk + Screws

Applied for rBOX120-2COM

Feature: Intel® Centrino Advanced-N6205

Operating Temperature: -40°C ~ +85°C

Operating Temperature un rBOX system: -40°C ~ +70°C



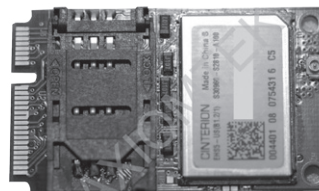
## 3G/GPRS Module Industrial Solution: EHS5-E

P/N: 8490EHS5E00E

Applied for All rBOX series

### Specifications

- Full size of Mini PCIe 3G Wireless Module with SIM holder
- Support 3G/GPRS function & within Intel's chipset solution
- Frequency Bands:
  - GSM/GPRS/EDGE: Dual band GSM 900/1800 MHz
  - UMTS/HSPA+: Dual band UMTS 900/2100 MHz
- Power supply: 3.0V < V < 3.6V
- Interface: USB 2.0 High Speed (480Mbit/s) device interface, Full Speed (12 Mbit/s) compliant
- Operating temperature: -30°C ~ +85°C
- Physical dimensions: 50.95 mm x 30 mm x 4.75 mm



## Wi-Fi Module Industrial Solution: Intel Centrino Advanced-N6205

P/N: 8490N620500E

Applied for rBOX1xx/rBOX2xx/rBOX3xx/rBOX5xx series

### Specifications

- A half size of Mini PCIe Wifi Module
- Dual-Band/Quad-Mode support (IEEE 802.11a/b/g/n), compatible with IEEE 802.11d/e (Quality of Service [QoS]), 802.11h, and European Telecommunication Standards Institute [ETSI] specifications, and IEEE 802.11i (pre-authentication)
- Interface: PCI Express Mini Card Interface Signals
- Operating temperature: -40°C ~ +85°C
- Physical dimensions: 26.8 mm x 30 mm



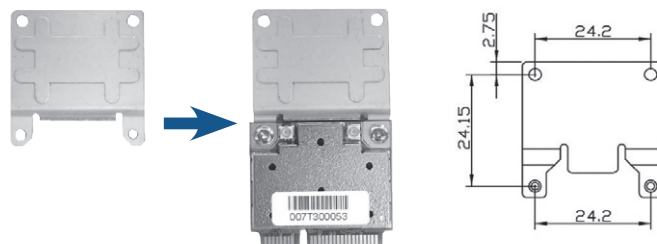
## Wi-Fi Module Extended Bracket

P/N: 72922130000E

Applied for Intel® Wi-Fi N6205 Module

Specifications: Half to Full Bracket

Physical dimensions: 29.55 mm x 29.15 mm





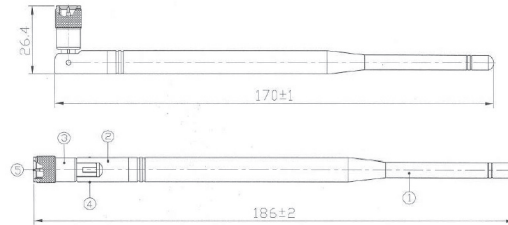
# 3G & Wi-Fi Parts for Industrial Solution

## Antenna

3dB 3G Antenna, 5band, SMA PLUG  
P/N: 594168G6650E  
Applied for 3G/GPRS/GPS (PHS8-P) Module Kit for rBOX series  
3G/GPRS (EHS5) Module Kit for rBOX series  
Wi-Fi Module Kit for rBOX series

### Specifications

- Frequency Band: 800/900/1800/1900/2100 MHz
- Connector Type: SMA 180° (Male)
- Antenna Dimensions: 186 mm ± 2
- Antenna Color: Black
- Operating Temperature Range: -20°C ~ +60°C



## Antenna

3G+GPS 0dBi L=3M SMA male  
P/N: 594K3106600E

### Specifications

- Frequency Band: 800/900/1800/1900/2100 MHz
- Connector Type: SMA 180° (Male)
- Antenna Dimensions: 186 mm ± 2
- Antenna Color: Black
- Operating Temperature Range: -20°C ~ +60°C

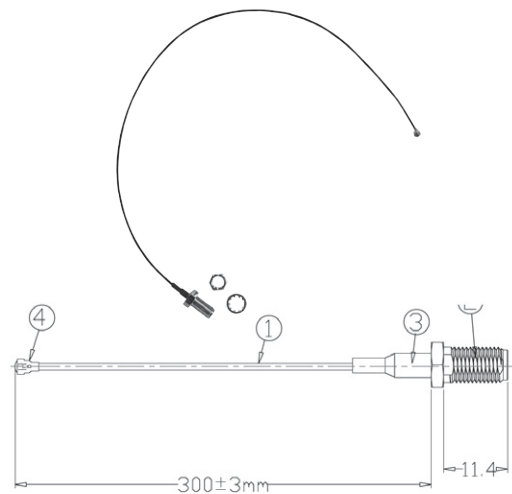


## RF Cable

RF Cable I-PEX TO SMA(F), L=300 mm  
P/N: 594K3106620E  
Applied for 3G/GPRS/GPS (PHS8-P) Module Kit for rBOX series  
3G/GPRS (EHS5) Module Kit for rBOX series  
Wi-Fi Module Kit for rBOX series

### Specifications

- RF Cable Assy SMA(F) To I-PEX, L=300 mm



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