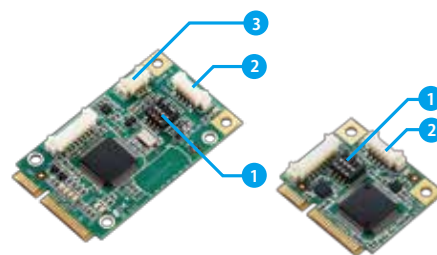


## Apacer In-Vehicle Embedded Modules

### Features

- Full or Half mini PCI Express Card Compliant with CAN 2.0 A/B Specification
- Equips 2-Channel Individual CAN and 1-Channel J1708 Interfaces
- Baud Rate Setting: 125/250/500/800/1000Kbps
- Vehicle Communication Protocols: OBD-II, J1939 and J1708
- Built-in Programmable CAN Identifier Filtering
- Sensor Integrated: 3D Gyroscope and 3D Accelerometer



- 1 CAN Function Switch
- 2 2-Channel CAN Connector
- 3 J1708 Connector

### Introduction

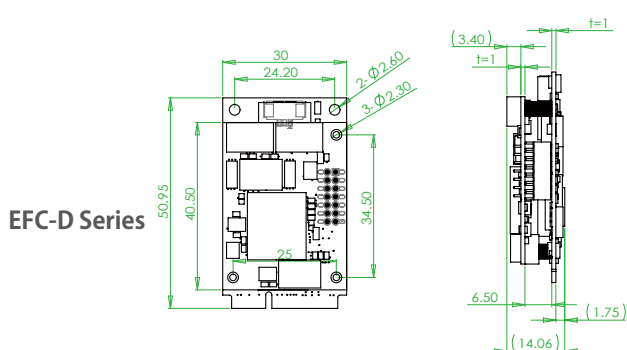
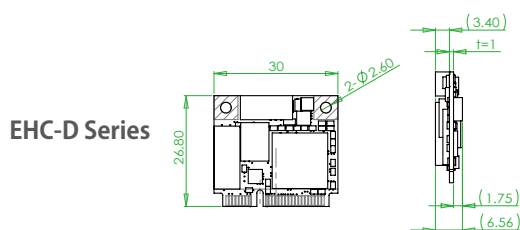
Apacer in-vehicle embedded modules can optionally support protocols from CAN 2.0 A/B, OBDII, J1939 and J1708. With Apacer in-vehicle embedded module, your system is allowed to get Car, Truck, Bus, Crane, Harvester and other commercial vehicle information easily.

Other powerful advantages as independent dual CANbus channels and 6 axis Motion Sensors on-board make the ideal solution for Fleet Management, Public Transportation Monitoring, Emergency Fleet Solution, Law Enforcement, In-vehicle Digital Signage, Vehicle Data Collection, Vehicle Tracking, Telematics System.

### Specifications

<b>Form Factor</b>	Full or Half Mini PCI Express Card
<b>Host Interface</b>	USB 2.0 via PCI Express Mini Card Socket
<b>Interface Number</b>	CAN (ISO 11898) x 2 Individual Channels J1708 x 1 (EFC-D series Only)
<b>Sensor</b>	3D Gyroscope 3D Accelerometer
<b>Protocol</b>	CAN 2.0 A/B, OBD-II, J1939 and J1708
<b>Identifier filtering</b>	Mask and Identifier List Mode
<b>Driver Support</b>	Microsoft Windows 7 / 8.1 / 10 Linux Kernel 2.6 and 3.13
<b>SDK Support</b>	Microsoft Windows 7 / 8.1 / 10 Linux by Project
<b>Operation Temp.</b>	-40°C ~ 85°C
<b>Vibration Test</b>	Pass 7.69G@ 20~2000Hz, compliant with MIL-STD-810G
<b>ESD Protection</b>	8kV Contact, 15kV air
<b>Dimension (L x W x H)</b>	Full Mini PCI Express Card: 50.9 x 30 x 6.56mm Half Mini PCI Express Card: 26.8 x 30 x 6.56mm

### Dimensions



### Ordering Information

Part Number	Description
APEHC-D10	Half Mini PCIE, 2 channels CAN 2.0A/B, G-sensor
APEHC-D30	Half Mini PCIE, 2 channels CAN 2.0A/B, OBDII, G-sensor
APEHC-D40	Half Mini PCIE, 2 channels CAN 2.0A/B, OBDII, J1939, G-sensor
APEFC-D50	Full Mini PCIE, 2 channels CAN 2.0A/B, OBDII, J1939, 1 channel J1708, G-sensor

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