

Mobile Surveillance Box-PC 2140

PKBX5510



The Mobile Surveillance Box-PC 2140 features an on-board Intel® Atom™ D525 1.8GHz processor. The Mobile Surveillance Box-PC 2140 provides a wide variety of I/O interfaces including 2x Intel® GbE Ethernet ports, 4x COM ports, 4x USB, 1x GPIO, and audio

interface. Mobile DVR Solution with Intel® Atom™ D525, flexible PCI expansion slot for 4 power over Ethernet (PoE) ports for a range of IP surveillance, eases the difficulties of providing different power source for device such IP camera in buses, and sightseeing buses etc.



Main Features

- On-board Intel® Atom™ Dual Core D525 (1.8GHz, 1M Cache) Processor
- One DDR3 SO-DIMM socket, DDR3 800 2G Memory Module Support Max
- 2x Intel® Gigabit Ethernet Ports
- 4x USB 2.0/1x VGA
- 4x Serial port (2x RS232 and 2x RS232/422/485 with auto-flow control)
- 1x Mini-PCle socket on-board
- One external CF socket and one external SIM Card holder
- 9 to 36VDC Input
- 4-channel Full-D1 Display/Recording

Technical Specifications

Main Board

- On-board Intel® Atom™ Dual Core D525 FCBGA processor (1.8GHz, 1M Cache)
- Intel® ICH8M PCH

Main Memory

- 1x 204 -pin SO-DIMM memory, up to 2GB DDR3 800, un-buffered and non-ECC

I/O Interface-Front

- ATX power on/off switch
- HDD access/power status LEDs
- 2x USB2.0 ports
- 2x Serial port (RS232)
- 1x external SIM card holder
- 1x DB15 GPIO connector
- 2x Antenna holes (either optional Wi-Fi or mobile wireless module)

I/O Interface-Rear

- 9 to 36VDC input
- 1x 3-pin for remote power on/off switch
- 1x DB15 VGA port 2x Intel® GbE LAN ports
- 1x Speaker out
- 2x USB2.0 ports
- 4x Serial port (2x RS232 and 2x RS232/422/485 with auto-flow control)

Device

- 1x 2.5" HDD driver bay
- One external CF socket

Expansion

- 1x Mini-PCle socket on-board (either optional Wi-Fi or mobile wireless module)
- 1x PCI expansion (for optional 4x PoE) or 4-channel full-D1 SD capture card

Power Requirements

- ATX power mode
- DC to DC power design on-board, support from 9 to 36VDC
- Optional 19V, 65W power adapter

Dimensions

- 195 x 200 x 90 mm (W x D x H)

Construction

- Aluminum chassis with fanless design

Environment

- Operating temperature: Ambient with air flow: -20°C 70°C (According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage temperature: -20°C 80°C
- Relative humidity: 10% to 93% (non-condensing)

Certifications

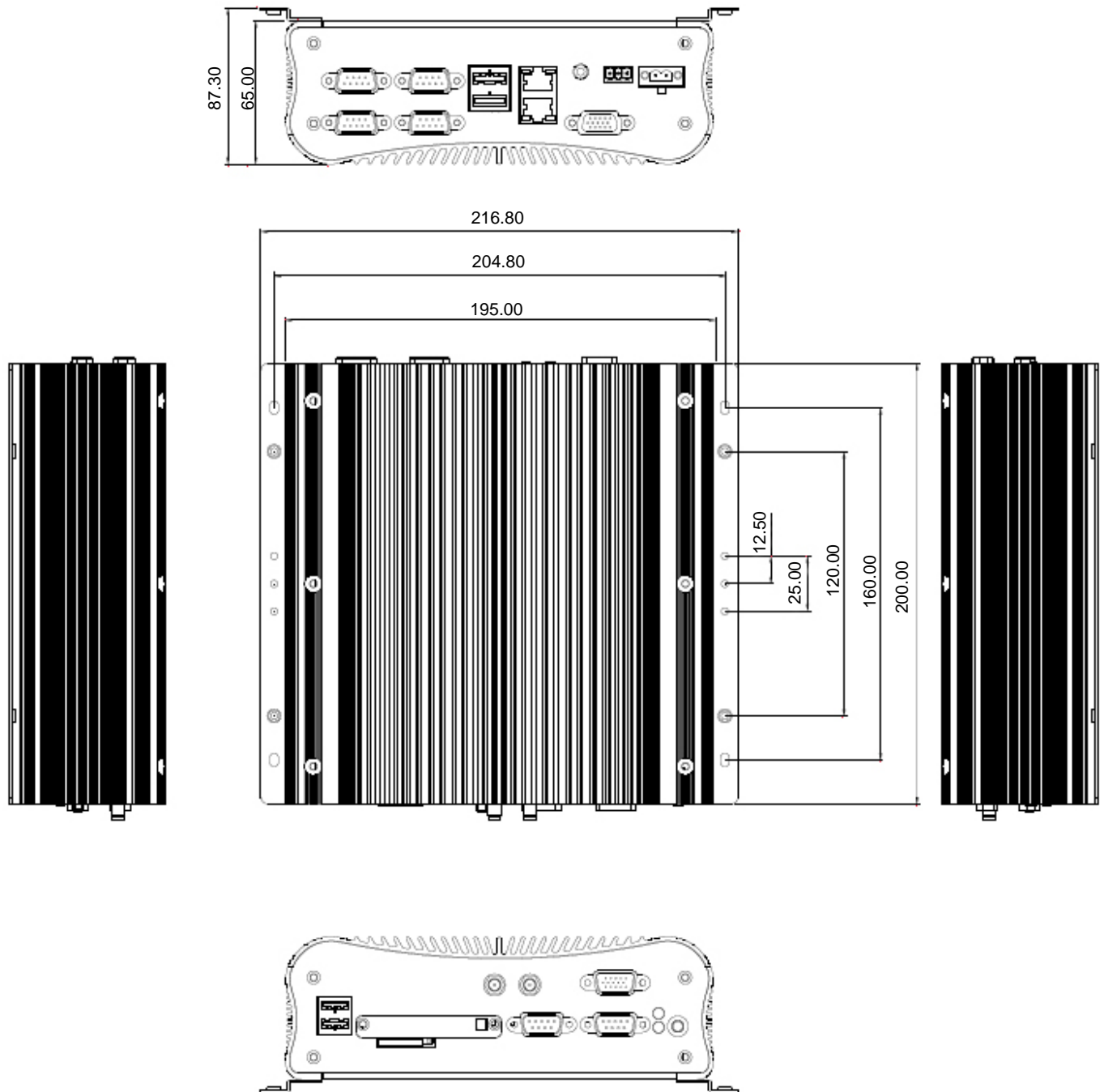
- CE approval
- FCC class A

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Dimension Drawing



Ordering Information

PKBX5510 Mobile Surveillance Box-PC 2140
4 channel Full-D1 display/recording