

# Fanless Box-PC 3150e

## PKBX5120/5121/5122



Featuring Intel® 910GML and ICH6M chipsets, the Fanless Box-PC 3150e supports Intel's Pentium® M/Celeron® M processor with 400 MHz FSB and DDR2 400 memory up to 2 GB. The rugged Fanless Box-PC 3150e is designed for space-critical application requires extreme reliability, low-power consumption and versatile I/O configuration. With an integrated slim type of DVD combo drive, the versatile Fanless Box-PC 3150e offers a wide I/O port connection options located at both the front and the rear of the unit. For added flexibility, the Fanless Box-PC 3150e also has three RS232 ports, one RS232/422/485 port

and one parallel port. The on-board power control circuit accepts a wide range of single input DC ATX power supply voltages from +16 to +30VDC, allowing the Fanless Box-PC 3150e to meet most application requirements in the industrial field. Housed in a compact 195 x 268 x 80 mm heavy-duty aluminum chassis, the Fanless Box-PC 3150e is designed for reliable, maintenance-free industrial computing. The Fanless Box-PC 3150e offers a cost-effective solution for a multitude of mission-critical embedded computing applications in industrial automation, machinery system, POS system and transportation.



### Main Features

- Support Intel® Pentium® M/Celeron® M processors
- Intel® 910GML chipset
- Dual 10/100/1.000 LAN ports
- USB 2.0/VGA/DVI/parallel interface
- 3x RS232 and 1x RS232/422/485 via DB44 connector

- Slim DVD Combo
- On-board DC to DC power designed to support 16 to 30VDC
- Power input supports ATX power mode and PXE/WOL

### Technical Specifications

#### Main Board

- Support Intel® Pentium® M/ Celeron® M processors
- Supports Low Voltage and Ultra Low Voltage Intel® Pentium® M or Celeron® M
- Supports 400MHz FSB CPUs only
- Intel® 910GML and ICH6M chipsets

#### Main Memory

- 2x 240-pin DDR2 DIMM socket, up to 2GB unbuffered non-ECC DDR2 400 SDRAM module

#### I/O Interface-Front

- HDD Access/Power/LAN Status LED
- 2x USB 2.0 Port
- 1x Slim DVD Combo
- ATX power on/off switch

#### I/O Interface-Rear

- 1x PS/2 Keyboard/Mouse
- 4x USB 2.0 ports
- 4x Serial ports
- 1x Audio Mic-In and 1x Speaker-Out
- 1x DVI interface
- 2x 10/100 LAN
- 1x VGA connector
- 1x parallel port
- 1x 16 to 30VDC power input
- 1x 2-pin switch for remote power on/off

#### Device

- 1x On-Board internal CompactFlash socket
- 1x Internal 2.5" SATA HDD drive bay
- 1x Slim DVD Combo: CD/RW and DVD Combo 24W/24E/24R & 8D

#### Power Requirements

- DC to DC power designed for on-board support of 16 to 30VDC (Max: 120W)
- 1x optional 120W AC/DC lockable adapter
- Power Input: 100 to 240VAC 2A 50/60Hz
- Power Output: 19VDC

#### Dimensions

- 195 x 268 x 80 mm (W x D x H)

#### Construction

- Aluminium chassis with fanless design

#### Environment

- Operating Temperature  
Ambient with air flow: -5°C to 55°C  
(According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage Temperature: -20°C to 80°C
- Relative Humidity: 10% to 93% (non-condensing)

#### Certifications

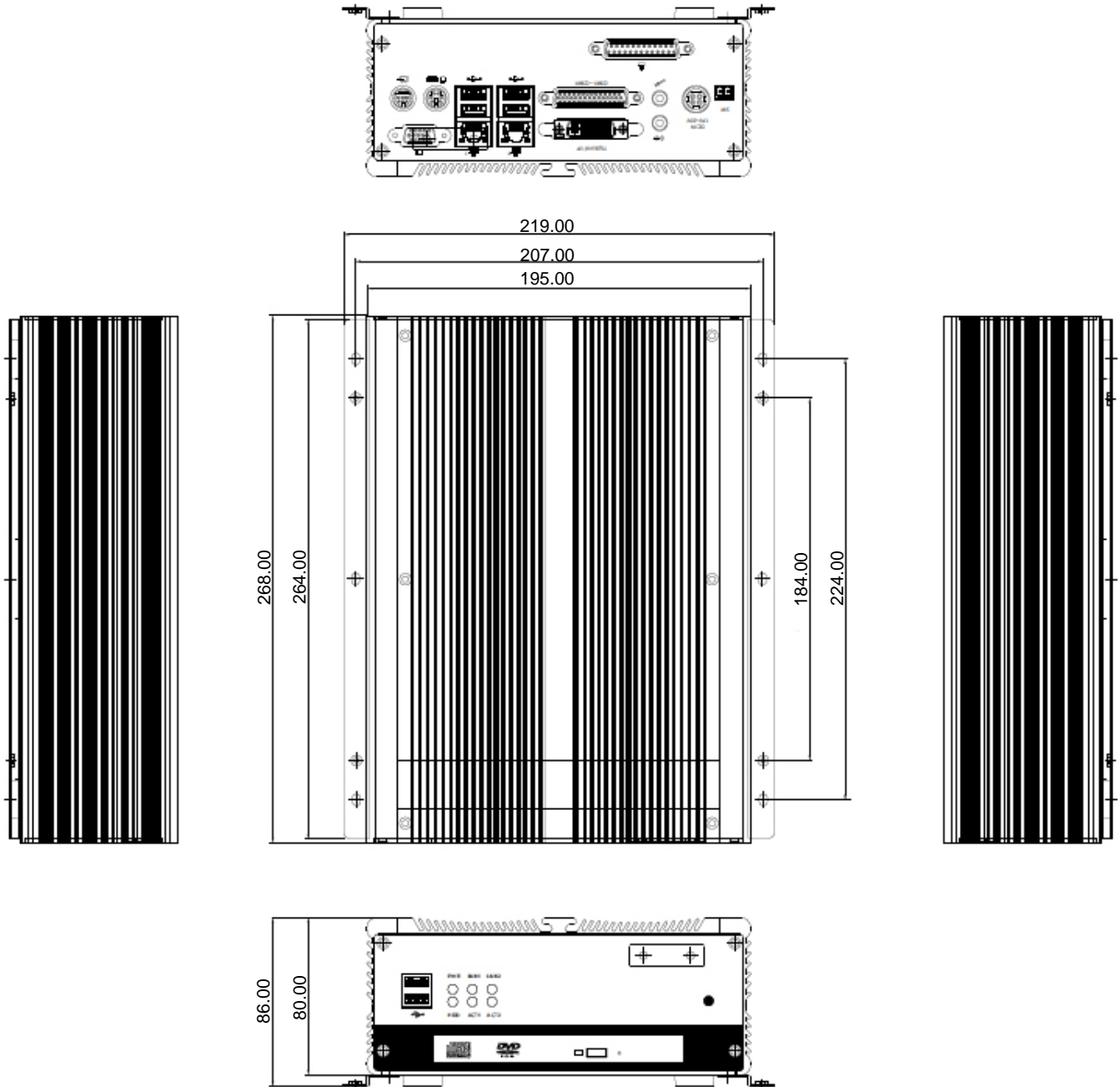
- CE approval
- FCC Class A

# Fanless Box-PC 3150e

## PKBX5120/5121/5122



### Dimension Drawing



### Ordering Information

<p>PKBX5120 Fanless Box-PC 3150e Barebone System 1x Slim DVD Combo, 1x DVI, 1x VGA, 2x Gbe LAN</p> <p>PKBX5122 Fanless Box-PC 3150e-745 Intel Pentium M 1.8GHz 1x Slim DVD Combo, 1x DVI, 1x VGA, 2x Gbe LAN</p>	<p>PKBX5121 Fanless Box-PC 3150e-370 Intel Celeron M 1.5GHz 1x Slim DVD Combo, 1x DVI, 1x VGA, 2x Gbe LAN</p>
--	---