

Fanless Box-PC 3100e

PKBX5060/5061/5062



Featuring Intel® 910GML and ICH6M chipsets, the Fanless Box-PC 3100e supports Intel's Pentium® M/ Celeron® M processor with 400MHz FSB and DDR2 400 memory up to 2GB. The rugged Fanless Box-PC 3100e is designed for space-critical application requires extreme reliability, low-power consumption and versatile I/O configuration. With one PCI-Expansion Slot, the versatile 3100e offers a wide connection option of I/O ports located at both the front and the rear of the unit. For added flexibility, the Fanless Box-PC 3100e also boasts three RS232 ports, one RS232/422/485 port and one PCI Expansion Slot. For data

storage, the Fanless Box-PC 3100e provides one CompactFlash socket and one 2.5" HDD drive bay. The system supports ATX power supply and can accept a wide range of power supplies from 16 to 30VDC. Housed in a compact 195 x 268 x 80 mm heavy-duty aluminum chassis, the Fanless Box-PC 3100e is designed for reliable, maintenance-free industrial computing. The Fanless Box-PC 3100e offers a cost-effective solution for a multitude of mission-critical embedded computing applications in automation, machine control, self-service and POS systems.



Main Features

- Support Intel® Pentium® M/ Celeron® M processors
- Intel® 910GML chipsets
- Dual 10/100/1.000 LAN ports
- USB 2.0/VGA/DVI interface
- 3x RS232 & 1x RS232/422/485 via DB44 connector
- On-board DC to DC power designed to support 16 to 30VDC power input
- Supports ATX power mode and PXE/WOL
- 1x PCI expansion slot

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 un-buffered non-ECC DDR2 400 SDRAM module

Expansion

- Supports 1x 32-bit/33MHz PCI card
- PCI Length support: max.169 mm with HDD installed

Device

- 1x On-board internal Compact Flash socket
- 1x internal 2.5" SATA HDD driver bay

I/O Interface-Front

- HDD Access/Power/LAN status LEDs
- 2x USB 2.0
- ATX power on/off switch

I/O Interface-Rear

- 1x PS/2 Keyboard/ Mouse
- 4x USB2.0 ports/4x Serial ports
- 1x Audio Mic-in and 1x Speaker-out
- 1x DVI interface
- 2x 10/100/1000 LAN
- 1x DB15 VGA connector
- 16 to 30VDC power input
- 1x 2-pin connector output for remote power on/off switch

Dimensions and Construction

- 195 x 268 x 80 mm (W x D x H)
- Aluminum chassis with fanless design

Power Requirements

- DC to DC power on-board to support of 16 to 30VDC (Max: 120 Watts) input
- 1x Optional 120W AC adapter (lockable)
Power input: 100 to 240VAC 2A 50/60Hz
Power output: 19VDC

Environment

- Operating temperature
Ambient with air flow: -5°C to 55°C
- Storage temperature: -20°C to 80°C
- Relative humidity: 10% to 93% (non-condensing)

Fanless Box-PC 3100e

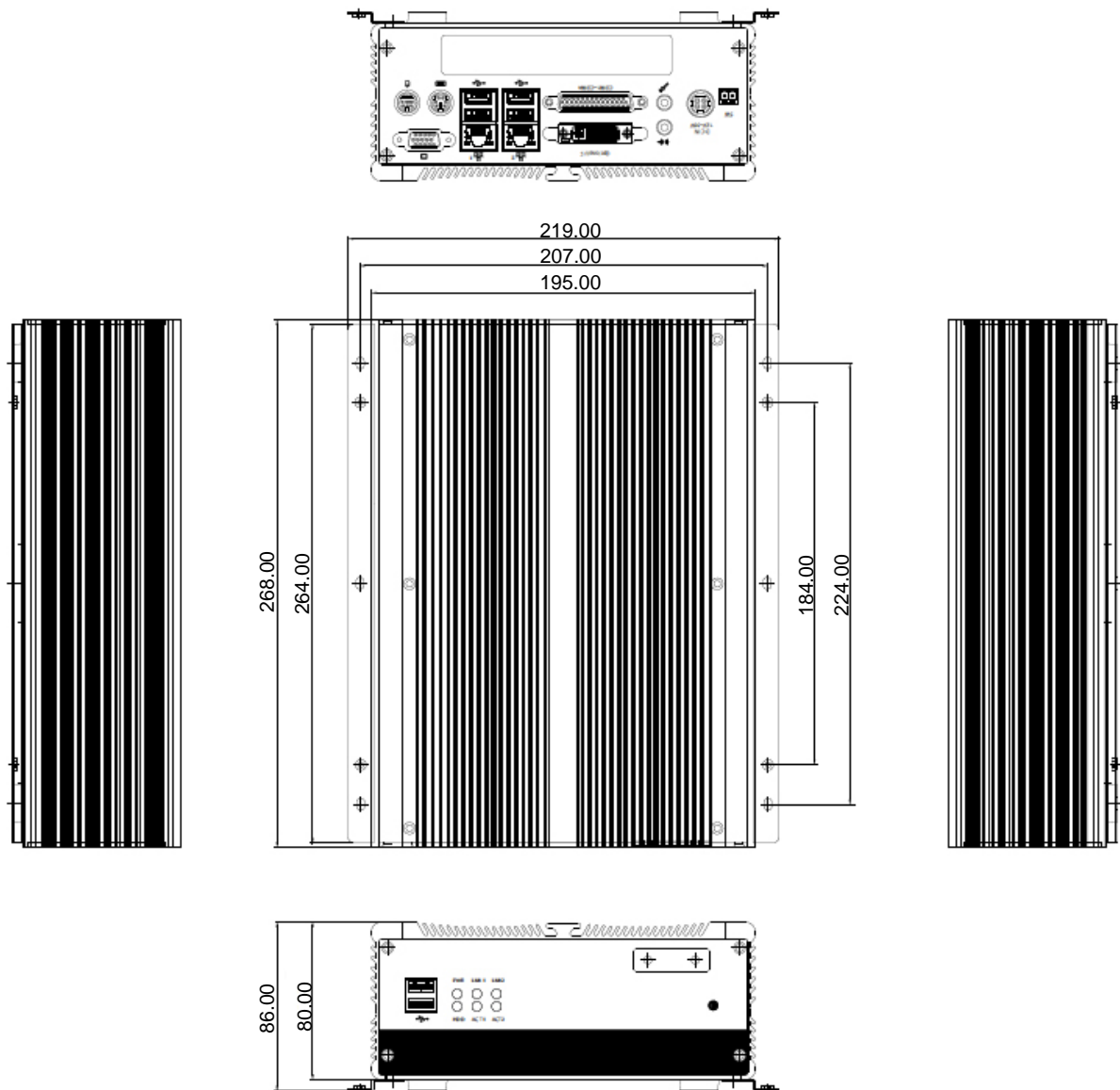
PKBX5060/5061/5062



Certifications

- CE approval
- FCC Class A

Dimension Drawing



Ordering Information

PKBX5060	Fanless Box-PC 3100e Barebone System 1x PCI Expansion Slot, 1x DVI, 1x VGA, 2x Gbe LAN	PKBX5061	Fanless Box-PC 3100e-370 Intel Celeron M 1.5GHz 1x PCI Expansion Slot, 1x DVI, 1x VGA, 2x Gbe LAN
PKBX5062	Fanless Box-PC 3100e-745 Intel Pentium M 1.8GHz 1x PCI Expansion Slot, 1x DVI, 1x VGA, 2x Gbe LAN		