

Box-PC 3140F2E

PKBX5099-5/-6/-7/-8/-9



Main Features

- Support Intel® Core™ 2 Duo/Celeron® processor
- Intel® GM45 chipset
- Dual Intel® 82574L Gigabit Ethernet ports
- Dual VGA or VGA/DVI independent display
- 3x RS232 and 1x RS232/422/485 with auto direction control
- One external locked CF socket
- Support 16 to 30VDC power input
- Support ATX power mode and PXE/WOL/LAN Teaming



Front Side



Rear Side

Technical Specifications

Main Board

- Support Intel Core 2 Duo Processor P8600 (3M Cache, 2.4GHz, 1.066MHz FSB)
- Support Intel Core 2 Duo Processor P8400 (3M Cache, 2.26GHz, 1.066MHz FSB)
- Support Intel Celeron Processor 575 (3M Cache, 2.00GHz, 667MHz FSB)

Main Memory

- 2x 240-pin DIMM, up to 4GB DDR3 800/1.066MHz SDRAM, unbuffered and non-ECC

Chipset

- Intel® GM45 Graphics and Memory Controller Hub
- Featuring the Mobile Intel® Graphics Media Accelerator 4500MHD
- Intel® 82801IBM I/O controller hub

Expansion

- Two PCI expansions
- Max. Support Add-on Card Length: 169 mm

Device

- 1x 2.5" SATA HDD drive bay
- One external locked CF card socket
- Optional power adapter

Smart Fan

- Two smart programmable fans
- Sound level on fan: 42dB(A) at 100% and 20dB at 0-20%

I/O Interface-Front

- ATX power on/off switch
- HDD Access/Power status LED
- 1x Front Access CF Card Socket
- 2x USB 2.0 ports

I/O Interface-Rear

- 2-pin remote power on/off switch
- 16 to 30VDC input
- 1x PS/2 for Keyboard/Mouse
- 1x DB25 Parallel Port (Optional GPIO or LVDS interface)
- 1x DB44 Serial Port for 4x RS232 (COM2: RS232/422/485 with auto flow control)
- 2x Gbe LAN ports
- 4x USB 2.0 ports
- 1x DB15 VGA port
- 1x DVI-I Port (DVI-D and VGA)
- 1x Speaker-out and Line-in

Power Requirements

- ATX power mode
- On-board DC to DC power support from 16 to 30VDC

Dimensions and Construction

- 235 x 268 x 101 mm (W x D x H)
- Aluminum 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)

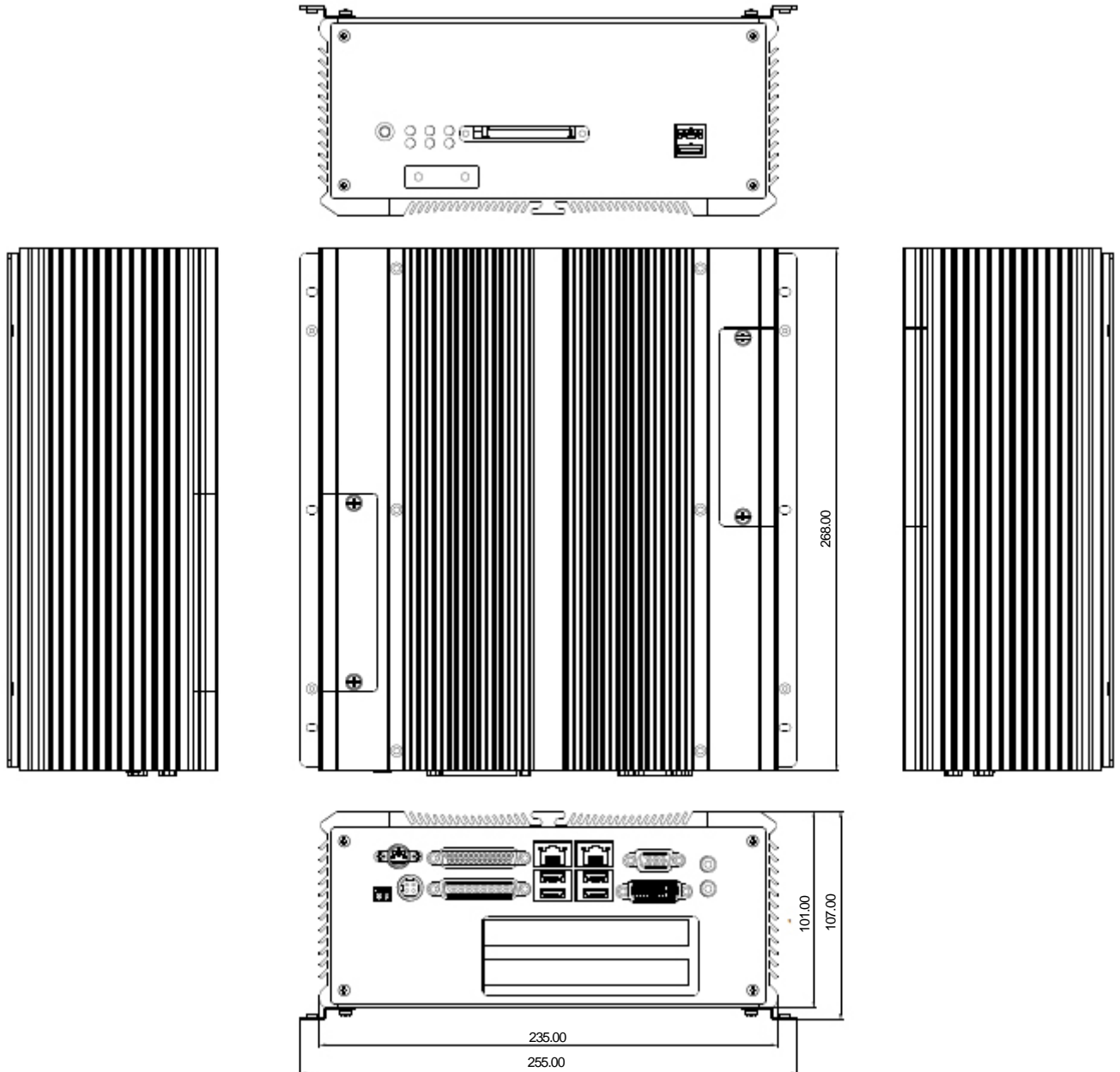
Certifications

- CE approval
- FCC Class A

Box-PC 3140F2E

PKBX5099-5/-6/-7/-8/-9

Dimension Drawing



Ordering Information

PKBX5099-5	Box-PC 3140F2E Barebone Intel Core 2 Duo/Celeron with PCI and PCIe and two smart FAN	PKBX5099-8	Box-PC 3140F2E M575 Celeron 2.0GHz with PCI and PCIe and two smart FAN
PKBX5099-6	Box-PC 3140F2E P8600 Core2Duo Mobile 2.4GHz with PCI and PCIe and two smart FAN	PKBX5099-9	Box-PC 3140F2E T9400 Core2Duo Mobile 2.53GHz with PCI and PCIe and two smart FAN
PKBX5099-7	Box-PC 3140F2E P8400 Core2Duo Mobile 2.26GHz with PCI and PCIe and two smart FAN		