



BPC-S1130

Boxed PC - Embedded System Supporting Intel® Core™ 2 Duo Technology

Features

- Rugged mechanical design, easy to install
- Three processor choices, including Intel® Core™ 2 Duo technology
- 6x USB ports (2x front, 4x rear)
- 2x drive bays for Slim HDD and Slim CD-ROM
- VGA
- LVDS on request
- 2x 10/100/1000 Mbit/s
- 2x Serial ATA ports
- IDE and floppy connectors
- Audio
- Front LEDs
- Watchdog timer

The BPC-S1130 embedded system is a powerful and robust Boxed PC platform. It supports three processor choices: Intel® Core™ 2 Duo, Intel® Core™ Duo/Solo, and Intel® Celeron® M, and up to 2 GByte DDR2 memory without ECC. The BPC-S1130 carries six accessible USB ports, three serial ports, a VGA port, and two GigaLAN ports.

The BPC-S1130 offers ample storage with two slim drives, HDD and CD/DVD-ROM, and connectors for both IDE and floppy. Front LEDs indicate power and hard drive status, while rear Line In, Line out, MIC connectors provide audio connection. Watchdog timer, external power supply, fan and active heat sink combine to create a formidable computing system.

Specifications

Chipset

- Intel® 945GME / ICH7M

Processor

- Support for Intel® Core™ 2 Duo, Core™ Duo, Core™ Solo, Celeron® M
(Note: CPU not included)

Front Side Bus

- 533/667 MHz

System Memory1

- 2x Dual Channel DDR2 200/533/667 SODIMMs, up to 2 GByte
(Note: Memory is not included. Please contact GE Fanuc Intelligent Platforms with your requirements.)

Graphics

- Integrated 2D/3D graphics engine

Display Output

- 1x VGA
- 1x LVDS (on request)

LAN

- 2x 10/100/1000 Mbit/s

USB Ports

- 8x USB 2.0 / 1.1
- 4x rear; 2x front; 2 pin headers on board

COM Ports

- 3x COM on rear
- 1x COM (additional port, on request)

Serial ATA

- 2x ports

IDE Connector

- 1x 40-pin IDE1

Floppy

- 1x floppy connector

Watchdog Timer

- Yes

Audio

- AC'97 (rear: MIC, Line Out, Line In)

Front LEDs

- Power and HDD status



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Drive Bays

- 1x slim 2.5" HDD
- 1x slim 2.5" CD/DVD-ROM

Fan

- Yes

Processor Cooling

- Active heat sink

Power Requirements

- External power adapter
- 100 to 240 V AC; 1.6 amp, 50/60 Hz
- 19 V/4.74 amp, 90 W

Operating Temperature

- 0° C to +45° C under 10 – 90% RH

Storage Temperature

- -20° C to +70° C under 5 – 95% RH

Dimensions (WxHxD)

- 223.3 mm x 249 mm x 76.1 mm (with brackets)
- 223.3 mm x 219 mm x 70.1 mm (without brackets)

Construction/Weight

- Aluminum/Net 1.8 kg

EMC/Safety

- FCC Class B, CE, UL, CUL

Packaging List

- 1x system unit
- 1x power adapter 90 W
- 1x utility manual CD
- 1x installation guide
- 1x IDE 40-pins cable
- 1x IDE 44-pins cable
- 1x chassis parts kit
- 1x L-shaped bracket for mounting
- 1x SATA cable
- 1x SATA power cable

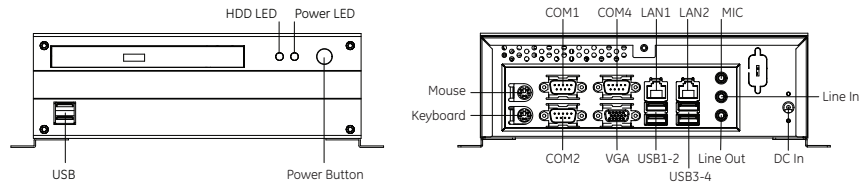
NOTE: The power cord cable must be ordered separately to accommodate different area requirements.

Optional Items

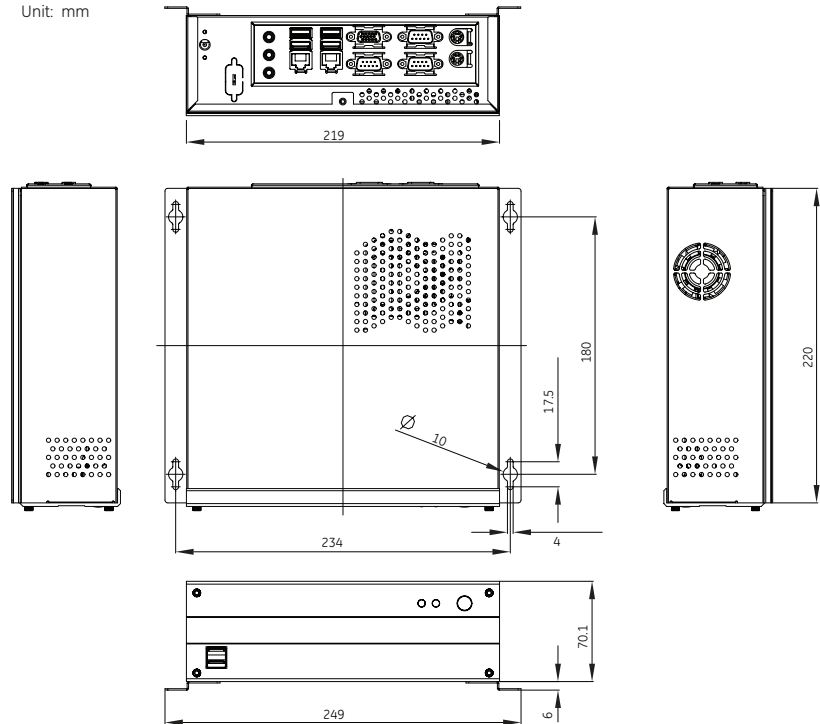
- Power cord cable US Type 1.8 m
 - Power cord cable UK Type 1.8 m
 - Power cord cable AU Type 1.8 m
 - Power cord cable GER Type 1.8 m
 - Slim HDD-IDE 2.5" 80 GB 5400 rpm
 - Slim HDD-SATA 2.5" 80 GB 5400 rpm
 - Slim DVD-ROM Combo
 - 512 MByte DDR2 SODIMM
 - 1 GByte DDR2 SODIMM
- NOTE: Two SODIMM modules are required.
- Intel® Core™ 2 Duo T7400 processor 2.16 GHz
 - Intel® Core™ Duo T2500 processor 2 GHz
 - Intel® Celeron® M 530 processor 1.73 GHz
 - CPU Cooler (51 x 51 x 40) mm, Fan 12 V

Please contact GE Fanuc Intelligent Platforms for configurations.

Mechanical



Unit: mm



Ordering Information

BPC1130000001 Embedded system, no processor, fan/heat sink, 6x USB, 3x COM, no memory, no CPU cooler

About GE Fanuc Intelligent Platforms

GE Fanuc Intelligent Platforms is a leading global provider of embedded computing solutions for a wide range of industries and applications. Our comprehensive product offering includes many types of I/O, single board computers, high performance signal processors, fully integrated, rugged systems including flat panel displays, plus high speed networking and communications products. The company is headquartered in the U.S. and has design, manufacturing and support offices throughout the world. Whether you're looking for one of our standard products or a fully custom solution, GE Fanuc Intelligent Platforms has the breadth, experience and 24/7 support to deliver what you need. For more information, visit www.gefanuc.com.

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Additional Resources

For more information, please visit the GE Fanuc Intelligent Platforms web site at:

www.gefanuc.com



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