

i5-7300U Industrial PC (Box PC)

IPC15



- Intel® Core™ i5-7300U CPU
- 8GB RAM memory, 128GB Industrial SSD
- Supports Windows 10 & Linux (32Bit, 64Bit)
- VESA 100 / Screwhead holes (20×14 cm)
- Integrated W-LAN
- 2 year guarantee (24/7 usage)
- *Optional: i3-7100U / i7-7600U Core CPU*



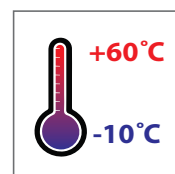
faytech's Industrial PCs are great in combination with any of faytech's touch monitors. Whether it is with the open frame, kiosks or standard touch monitors, the reliable industrial PC is suitable!

This small industrial PC is powered by the Kaby Lake U mainboard. It is driven by the powerful Intel® Core™ i5-7300U with up to 2.60 GHz. The device is equipped with 8GB RAM, 128G SSD and Intel's HD Graphic chipset, supporting Full HD, DirectX 11.1 and OpenGL 4.0.

These faytech PCs are the perfect choice for a wide variety of applications including POS systems, control panels in industrial fields, in kiosk systems, office/residence automation, digital signage and in areas like shopping malls, classrooms, hotels and many more.



Legend / Notes	
Applicable to version 3	(v3)
Applicable to version 4	(v4)
Applicable to all Versions	None



Product name				i5-7300U Industrial PC (Box PC)			
Model number / EAN number				IPC15 / 6920734000197			
Global Article Code 3030504595 3030510204	European Article Code 1010501913 1010502386	Release date (DIM/Y) 01/07/2020 01/02/2022	Version v3 v4	Global Article Code	European Article Code	Release date (DIM/Y)	Version

IP Rating	
IP40	

Operation / Mechanical	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10% - 90%
Net weight (kg)	2.20
Gross weight (kg)	3.20 (incl. cartonnage)
Housing material	Aluminum
Housing (mm) L × W × H	216.0 × 195.0 × 50.0
Cut-out for clamp supports (mm) L × H	N/A
Max. wall thickness for clamp supports (mm)	N/A
Amount of clamps required	N/A
Mounting	VESA 100 / Screwhead holes (20×14 cm)

Internal Connectors (occupied)		
1x SO-DIMM, max. 16 GB, DDR4 1866/2133 non-ECC, Single channel memory		
3x RS232/RS485 COM connectors switchable in BIOS		
2x LCD Backlight control/LCD panel voltage box		
1x 5V/12V SATA power connector	1x 12V DC power connector (2-pin)	
1x 4-pin SATA power connector	1x S/PDIF output pin header	
1x 8-bit Digital I/O interface	1x Line-out / Mic-in header	
1x Front Panel box header	1x Serial ATA 6Gb/s	
1x MIPI CSI connector	1x LVDS box header	2x USB 3.0 box header

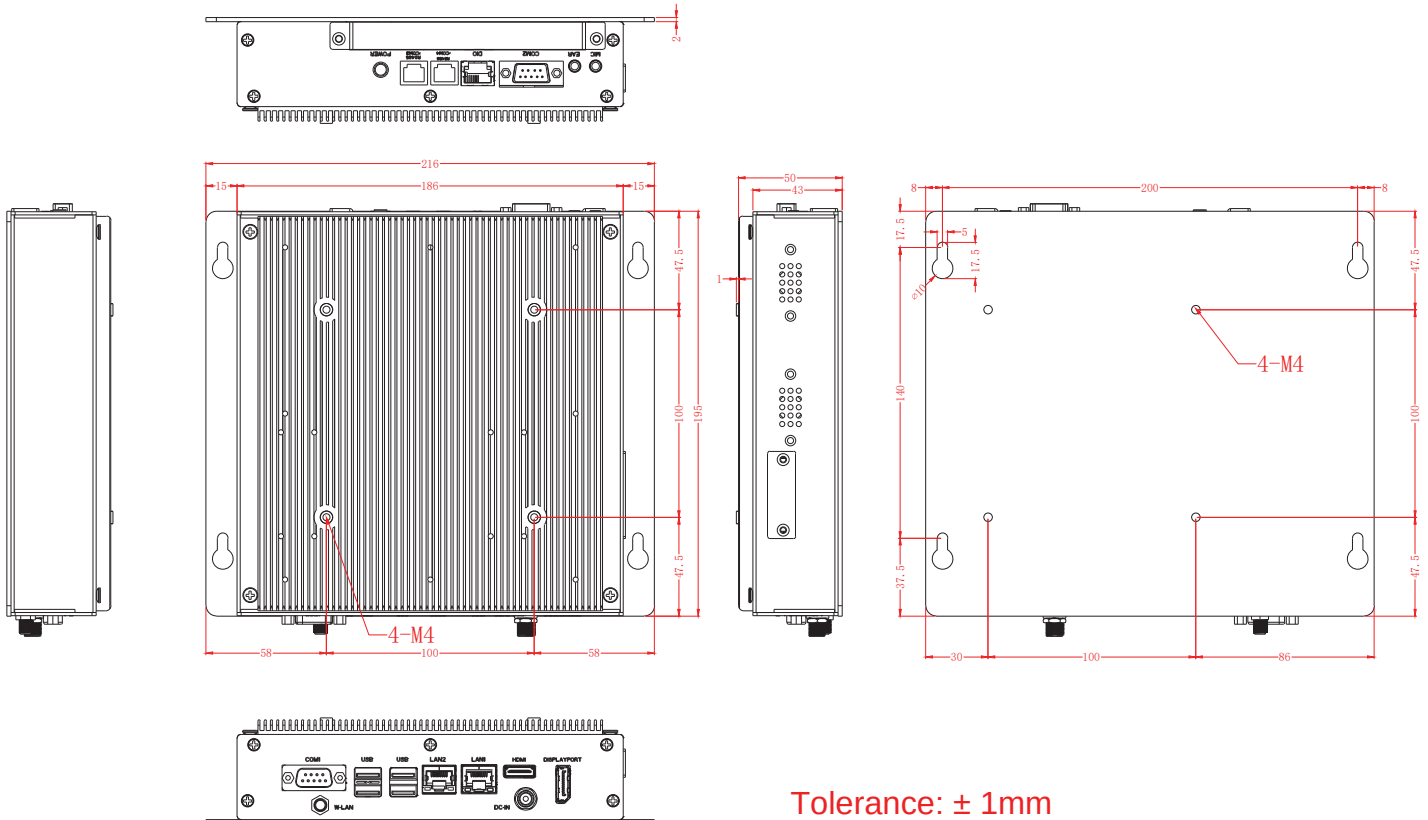
PC System	
CPU	Intel® Core™ i5-7300U Processor Kaby Lake
Graphic GPU	Intel® HD Graphics
Audio	Realtek ALC3251 Audio CODEC ^(v4)
Memory	8GB DDR4 non-ECC (max. 16GB)
Storage (switchable)	fatytech Industrial 128GB SSD
Network	2x Realtek PCIe GB LAN 8111G (1000Mbps) M.2 E-key Wi-Fi module
Driver Support	Win10; Linux; 32Bit/64Bit
Preinstalled OS	Linux Ubuntu

Power	
Power Supply	100-240V ACDC active switching; 12V DC-Out
Working Power (V)	12
Power Consumption (W)	20
Stand-By Consumption (W)	<1

External Connectors	
1x 12V DC-In (screwable)	
1x W-LAN antenna connector (RP-SMA male)	
4x USB 3.0	1x DP
1x HDMI	1x MIC-In & EAR-Out
1x 10-PIN DIO as RJ50	
1x COM – RS 232/422/485 switchable; 5V/12V/RI option (COM1, DSUB9)	
1x COM – RS 232; RX/TX (COM2, DSUB9)	
2x COM – RS 232 & 485; RX/TX & A+/B- (COM3&4, RJ12)	
2x 10/100/1000Mbit RJ45 Ports	
1x 2.5" module slot, changeable SSD included	

Expansion Slots	
1x mSATA full size (occupied by SSD)	
1x M.2 E-Key Slot (occupied by Wifi card)	
1x SATA connector	
1x External PCIe x1 Straddle connector	

Included in the Delivery	
Power Supply (see Power section)	
W-LAN antenna (RP-SMA female)	
Short Installation Manual	



Tolerance: ± 1mm

Update Notes:

* Only the latest version can be ordered, previous versions are only for historic reference.

Version:

Changes:

- v4** - Update of the audio chip from ALC3236 to ALC3251
- v3** - First version
(*v3 & v4 drawing on previous page*)

Corporate Headquarters

faytech AG

Bischhäuser Aue 10
37213 Witzenhausen
Germany

support@faytech.com
contact@faytech.com
www.faytech.com

Germany: +49 5542 30374 0

China: +86 755 89580612

USA: +1 646 843 0877

India: +91 11 49707436

Japan: +81 366 722 920

Korea: +82 10 3479 1815