

i5-7300U Industrial PC (Box PC)

IPC15



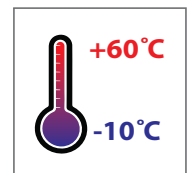
- Intel® Core™ i5-7300U CPU
- 8GB RAM memory, 128GB Industrial SSD
- Supports Windows 10 & Linux (32Bit, 64Bit)
- VESA 100 / Screwhead holes (20×14 cm)
- Integrated W-LAN
- 2 year guarantee



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.



Product name		i5-7300U Industrial PC (Box PC)			
Model number / EAN number		IPC15 / 6920734000197			
Global Article Code	European Article Code	Release date	Global Article Code	European Article Code	Release date
3030504595	1010501913	01/07/2020			

IP Rating	
IP40	

PC System	
CPU	Intel® Core™ i5-7300U Processor Kaby Lake
Graphic GPU	Intel® HD Graphics
Audio	Realtek ALC3236 Audio CODEC
Memory	8GB DDR4 non-ECC
Storage (switchable)	faytech 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

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/DPIDF 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

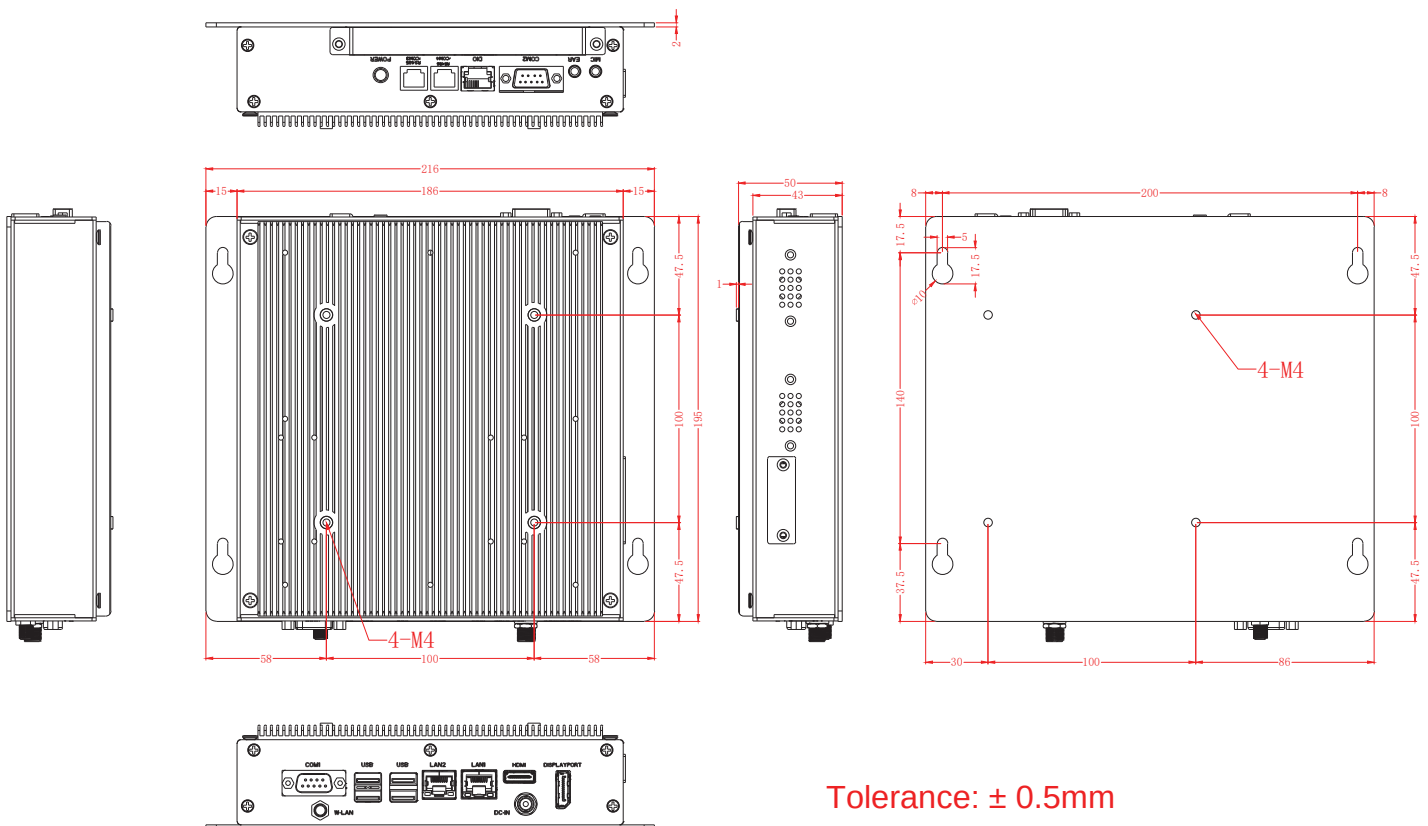
Operation / Mechanical	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10% - 90%
Net weight (kg)	2.20
Gross weight (kg)	3.20 (incl. cartonnage)
Housing material	Aluminum
Housing (mm) L x W x H	216.00 x 195.00 x 50.00
Mounting	VESA 100 / Screwhead holes (20x14 cm)

Power	
Power Indicator	Green LED
Power Supply	100-240V ACDC active switching; 12V DC-Out
Working Power (W)	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	
2x COM port Full-PIN - RS232/485; 5V/12V	
2x COM port 3-PIN - RX, TX, GND; RS232/485; 5V/12V	
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: ± 0.5mm

Errata and technical modifications reserved

Corporate Headquarters

faytech AG
 Bischhäuser Aue 10
 37213 Witzenhausen
 Germany

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

China: +86 755 8958 0612
 Germany: +49 5542 30374 10
 USA: +1 646 205 3214
 India: +91 11 49707436
 Japan: +070 4127 5167