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# TBOX-11630

*Industrial Intel Skylake Core **I7** fan-less Box PC*

## Specification

### V2.0

## Brief Introduction

CYBERVISUELL TBOX-11630 is a high-performance ultra-compact fan-less industrial Box PC model, it adapts Intel Skylake Core I7-6500U CPUs, having advanced computer performance and low power consumption. TBOX-11630 storage can support 1 *mSATA SSD or HDD; The design has a limited communication interface, with 2* LAN ports, 4* USB 3.0 port; The power input is DC 12~19V voltage, and has over-current, over-voltage and reverse-polarity protection.

CYBERVISUELL TBOX-11630 uses full-sealed box construction, and it can prevent dust from entering the device system. Large aluminum fin heat sink can distribute the heat effectively and quickly, ensures the longer reliability and life-span of the system. CYBERVISUELL TBOX-11630 operating temp. is -20℃~+60℃, can be suitable for longer-time operating and harsh environment industrial application projects, such as intelligent transportation system, machine vision, medical device, textile machinery, rail transportation and industry automation. CYBERVISUELL TBOX-11630 can be compatible with Windows 7, Windows 7 Embedded, Windows8, Windows10, Linux Operating system and embedded Operating system, and it is also compatible with application software based on those operating systems.
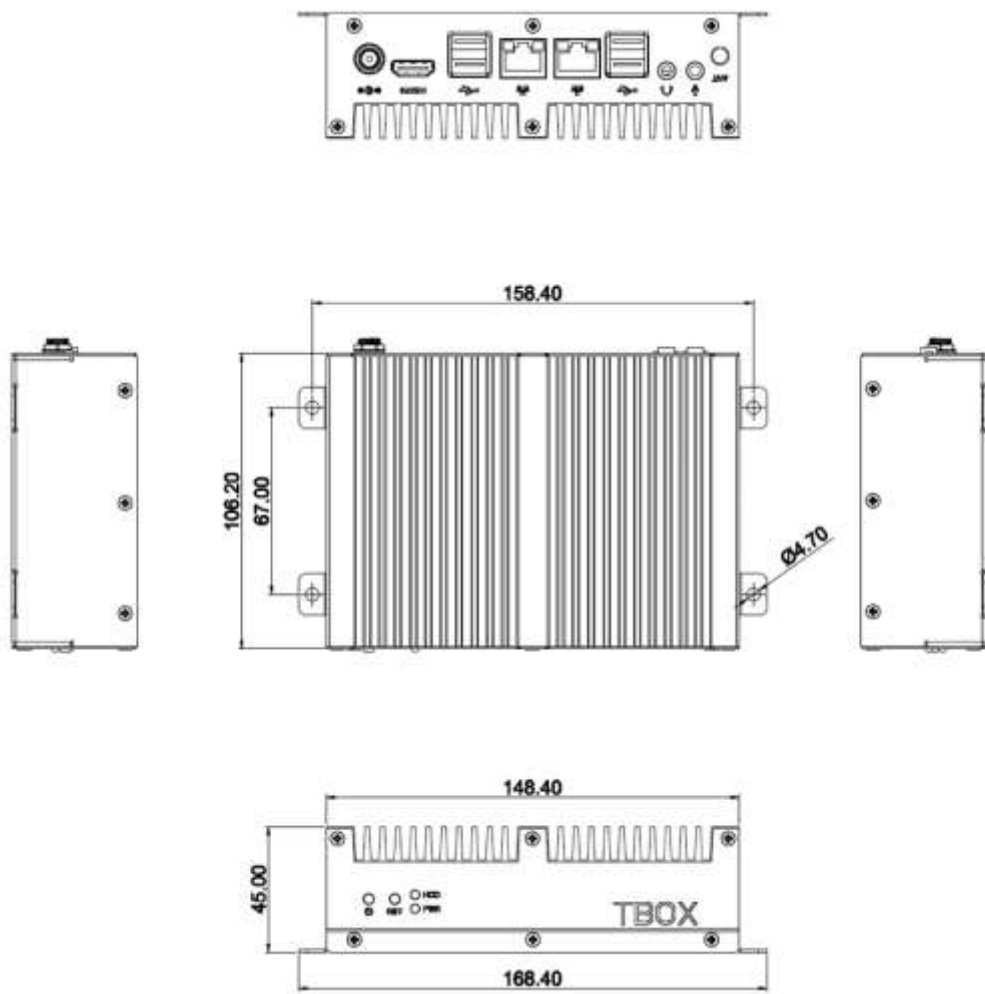
## Product Image

# Specification parameter

| Product model | TBOX-11630 |
|---|---|
| **System & Hardware** | |
| BIOS | SPI AMI EFI BIOS |
| CPU | Intel Core I7-6500U |
| CPU GHz | Dual-core 2.5Ghz |
| Memory | SO-DIMM, DDR4L, Max. up to 16GB |
| Storage | 1* mSATA |
| GPU | Intel HD Graphics 520 |
| Network | 2* Intel I211AT (Optional Wifi/3G/4G) |
| Audio | Realtek ACL 269 Audio controller |
| Expansion | 1x full-size mPCIe slot |
| Watch dog | 0~255 seconds programmable |
| System | Windows 7, Windows 7 Embedded, Windows8, Windows10, Linux |
| **I/O** | |
| COM | No COM |
| Network | 2*RJ45, 10/100/1000 Mbps |
| Audio | Line-In, Line-Out |
| USB | 4*USB3.0 |
| Display | 1*HDMI |
| Power Input | 1*2 pins, phoenix port |
| **Structure** | |
| Box Structure and surface | Aluminum alloy, anodizing and anti-scratch treatment |
| Cooling System | Finned aluminum heatsinks |
| Color | Black |
| Indicator | Power Switch/ Power LED/ HDD LED |
| Mounting | Support Desktop, Wall-mounted, |
| Dimension | 168.4 x 106.2 x 45 (mm) |
| Net weight | About 1.3KG |
| **Power & Environmental** | |
| Voltage Input | DC 12~19V (Over-current, Over-voltage and reverse polarity protection) |
| Power Consumption | 25W |
| EMC | CE/FCC Class A |
| Working temperature | -20℃~+60 ℃ |

| Storage temperature | -30℃~+70 ℃ |
| --- | --- |
| Relative humidity | 10~95%@10℃ （No condensation） |
| Vibration | 50~500Hz,1.5G,0.15mm peak to peak |
| Shock | 10G/peak （11ms sec） |

## Interface and Dimension

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**TBOX-11630 Specs**

# Ordering Information

| TBOX-11610 | Intel Core I3-6100U/1*HDMI/2*RJ45/4*USB/DC 12~19V/Line In/Line-Out |
|---|---|
| TBOX-11620 | Intel Core I5-6200U/1*HDMI/2*RJ45/4*USB/DC 12~19V/Line In/Line-Out |
| TBOX-11630 | Intel Core I7-6500U/1*HDMI/2*RJ45/4*USB/DC 12~19V/Line In/Line-Out |
| Memory | DDR3L 4G/8G/16G |
| Storage | SSD: 16GB/32GB/64GB/128GB/256GB/512GB/1TB |
| | HDD: 500GB/1TB |
| Wireless module | Wifi: 802.11b/g/n Mini PCIe 150M |
| | 3G/4G: All network 4G module |

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