

# TB-5045

## Fanless Computer



### Key Highlights

- Intel 6th Gen. Skylake Core i3/i5/i7 CPU
- 2x SO-DIMM, up to 32GB DDR4 Memory
- Three Independent Video Outputs
- 4x GbE LAN Ports
- Easy Accessible Storage with RAID (0/1) Support
- Wide Range Power Input (DC 9~36V)

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With an innovative design, the TB-5045 fanless industrial computer has a non-standard motherboard. This was developed to accommodate abundant peripheral interfaces. A DIN rail mount option was also developed for factory line placement. The core/i3/i5/i7 CPU supports two DDR4 SO-DIMM slots with up to 32GB RAM. At about 9" wide (around 275 mm) the embedded PC delivers a maximum impact in a small form factor. The TB-5045 can be used as an industrial control system or connected to multiple monitors that support 4K resolution. **This product is now considered "Previous Generation" meaning it may or may not still be available for purchase. Call +1 800 870 7715 for details on this product or check out our full list of currently [available Box PCs](#).**

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# Technical Specifications

## Primary Components

Processor Family	Intel Core I series 6th Generation Skylake
Processor Speed	2.7 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	2x 2.5" SATA Drive Bay for SSD/HDD (easily accessible)
Storage Support	32GB-2TB, Accessible Bays Support RAID 0/1

## Operating Systems

Windows	Windows 10 IoT, Windows 8.1 Pro
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## Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F - 122°F)
Storage Temperature	-40°C - 85°C (-40°F - 185°F)
Cooling Solution	Passive - Fanless with Heatsink
Humidity Range	10% - 90% Non-condensing

## Weight / Dimensions

Weight	4.5 kg (9.9 lbs)
Dimensions	277.8 x 230 x 86.7 mm (10.9 x 9.1 x 3.4 in)

*Specifications subject to change.*

## External I/O Ports

USB	2x USB 2.0, 4x USB 3.0
Serial / Com	4x COM
Serial Protocol Detail	2x RS-232/422/485 DB-9, default RS-232(COM1/2), 2x RS-232 DB-9(COM3/4)
Ethernet / LAN	4x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x DVI-I, 1x HDMI
Other Ports	1x GPIO 8-bit digital I/O (4x DI, 4x DO)
Audio Ports	1x Optional Audio Line-Out
Power Input Port	Locking Type

## Enclosure

Material	Aluminum, Steel
Color	Black
Control Buttons	Power Button
Mounting Options	DIN Rail Mount, Wall Mount

## Certification

Certifications	CE, FCC Class A
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## Warranty

Warranty	1 Year
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# I/O Diagram Images



## USA

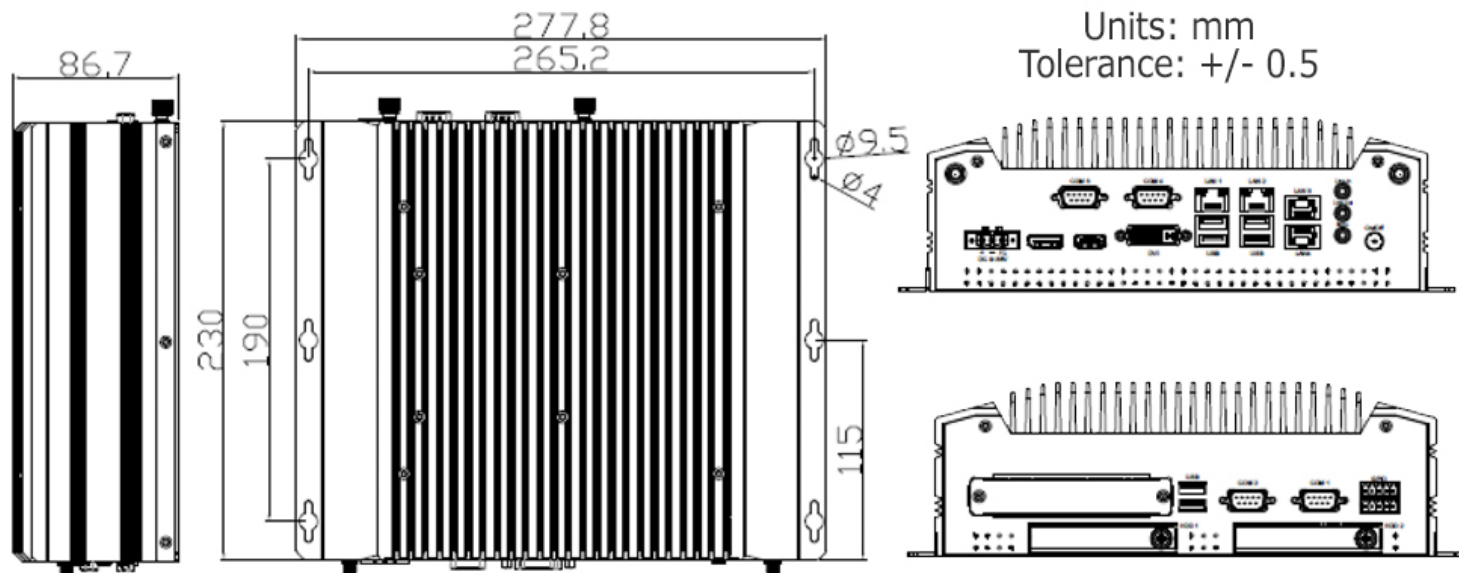
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