

# TP-5040-16

15.6" Industrial Fanless PC



## Key Highlights

- 15.6" True Flat Touchscreen with LCD Display
- Intel Skylake Core i3/i5 CPU
- Fanless and Low Power Consumption
- Aluminum Die-Cast Housing
- Several I/Os and HDD Bay
- Integrated Webcam, WLAN, & BT 4.0

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The TP-5040-16 is a widescreen all-in-one industrial computer with the Intel Skylake Core i3/i5 CPU and up to 8GB RAM. It utilizes a fanless cooling system, so it can run efficiently, 24/7 in particulate rich environments, such as a dusty warehouse or dirty production line. This computer has a 15.6" projected capacitive touchscreen and is built with reliable, industrial-grade components and a durable metal housing. The TP-5040-16 has an IP65 dust and waterproof front bezel, so you can spray and wipe down the unit easily. This computer will integrate into your system seamlessly and provide great ROI and reliable performance for years-on-end.

**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 Panel PCs](#).**

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# Technical Specifications

## Primary Components

Processor Family	Intel Core I series 6th Generation Skylake
Processor Model	Core- i3-6100U
Processor Speed	2.3 GHz, 2.4 GHz
Memory Type	1x DDR3 SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-1TB

## Power

Input Voltage Range	12-48V DC for Core i5 CPU, 19V only for Core i3 CPU
Standard Power Adapter	120W

## Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro
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## Compatibility

Security Hardware	fTPM 2.0, Intel vPro Technology: Intel AMT Supported
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## Multimedia

Speakers	2x 2W Speakers
Camera	2MP Webcam

## Enclosure

Material	Aluminum
IP Rating	IP65 Front Bezel
Color	Black
Mounting Options	VESA 75 Mount

## Weight / Dimensions

Weight	4.5 kg (9.9 lbs)
Dimensions	396 x 48 x 245 mm (15.6 x 1.9 x 9.6 in)

## Warranty

Warranty	Up to 5 Years
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*Specifications subject to change.*

## Display

Screen Size	15.6"
Screen Resolution	1366 x 768
Screen Ratio	16:9
Brightness	250 nits

## Touch Screen

Touch Screen	Projected Capacitive
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## External I/O Ports

USB	2x USB 2.0, 4x USB 3.0
Serial / Com	4x COM
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DVI, 1x Optional DisplayPort, 1x VGA
Power Input Port	4-Pole DIN (latching)

## Expansion Slots

Video Card Support	Intel HD Graphics
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## Thermal & Environmental

Operating Temperature	0°C - 35°C (32°F - 95°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passive - Fanless
Humidity Range	20% - 85% Non-condensing

## Peripherals & Wireless Connectivity

WiFi	Optional 802.11 b/g/n WLAN card
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID Module

## Certification

Certifications	CE, FCC Class A, IEC 60950-1
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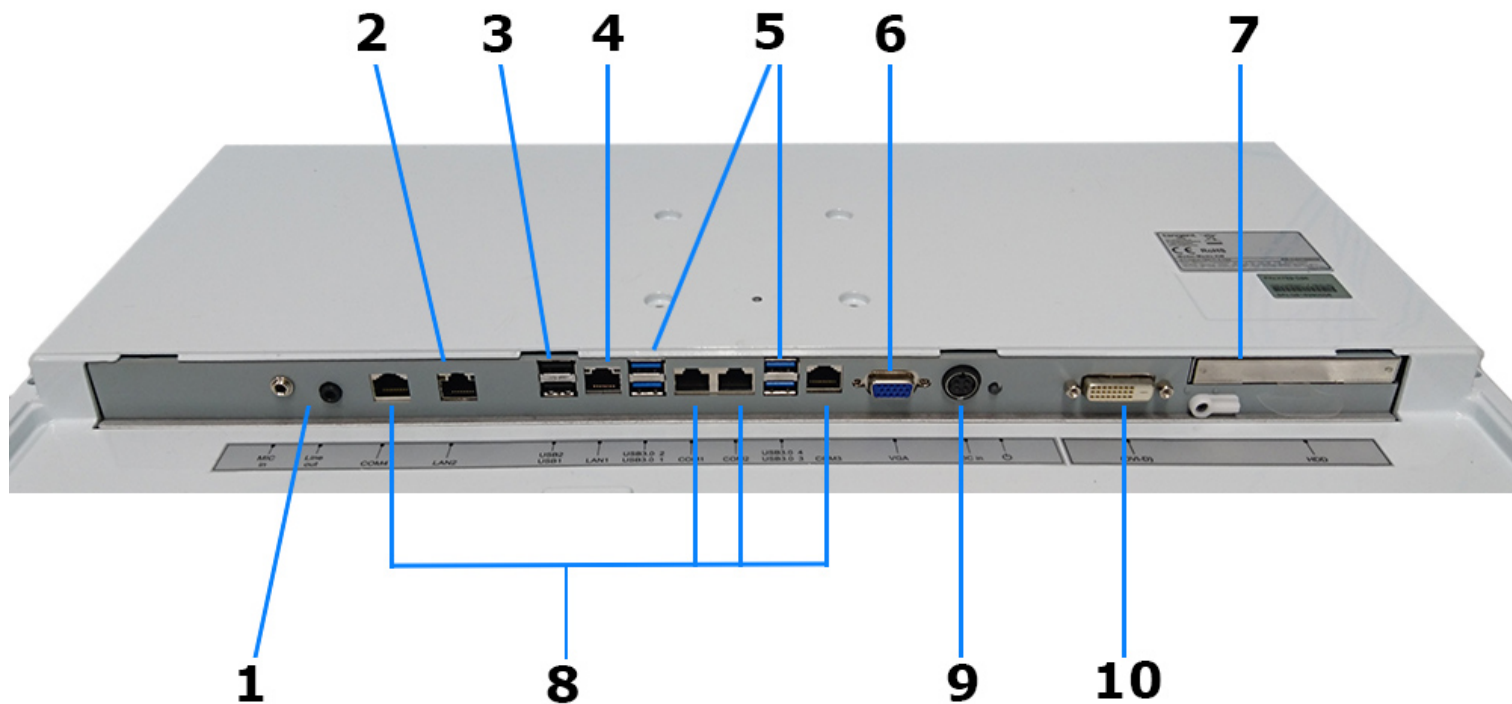
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## I/O Diagram Images



- 1. Mic-in/Line-out**
- 2. LAN Port**
- 3. 2x USB 2.0 Ports**
- 4. LAN Port**
- 5. 4x USB 3.0 Ports**

- 6. VGA Port**
- 7. HDD Bay**
- 8. 4x COM Ports**
- 9. DC-In**
- 10. DVI-D Port**

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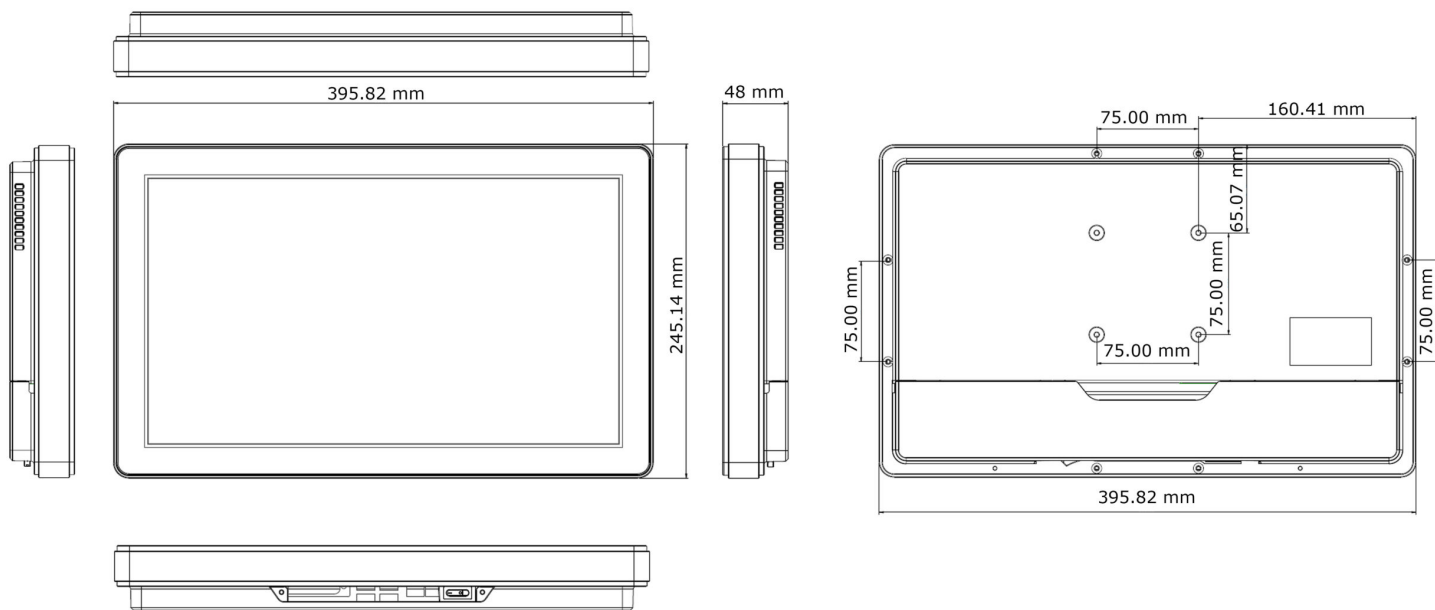
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# Tech Diagram Images



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