

# 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 |

| Compatibility     |                                                      |
|-------------------|------------------------------------------------------|
| Security Hardware | fTPM 2.0, Intel vPro Technology: Intel AMT Supported |

| 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 |

Specifications subject to change.

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

| Touch Screen |                      |
|--------------|----------------------|
| Touch Screen | Projected Capacitive |

| 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 |

| 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            |

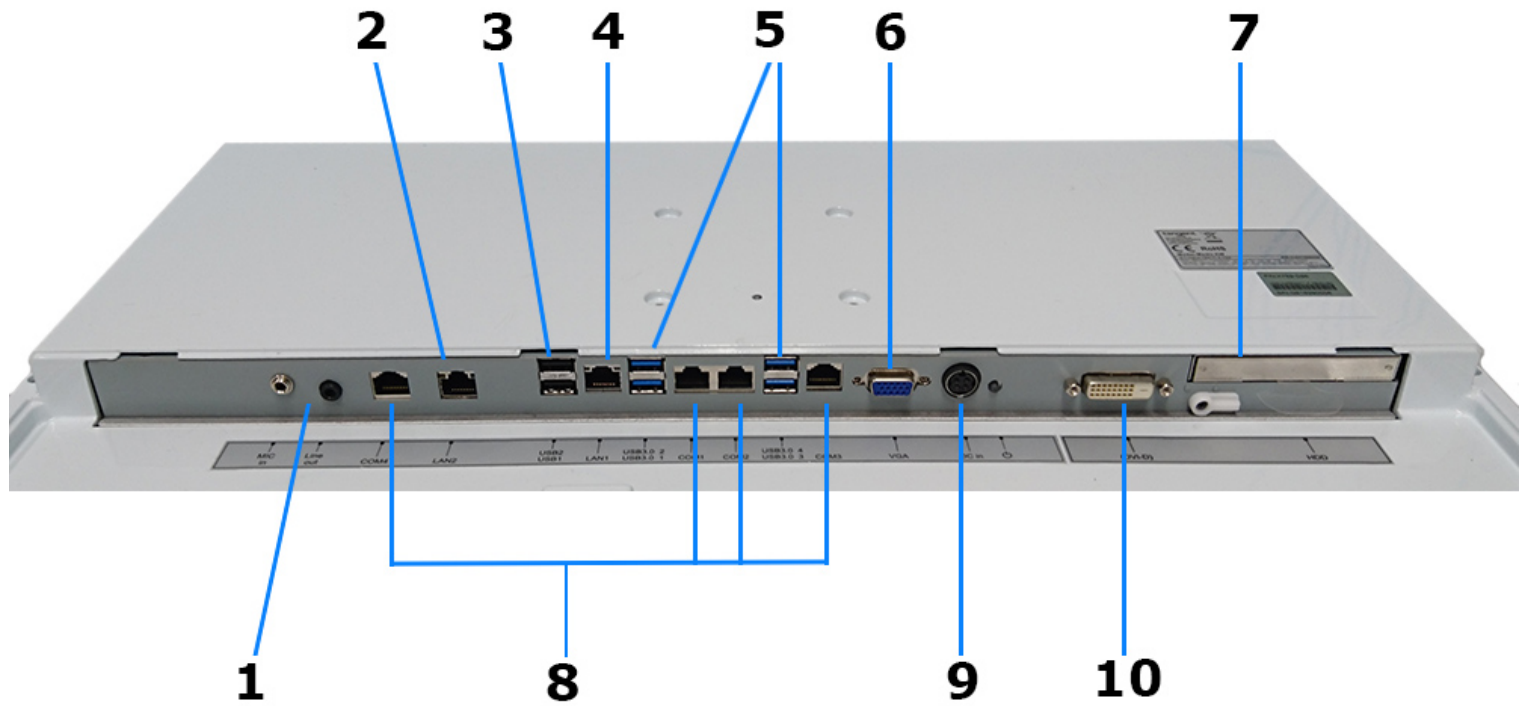
| Certification  |                              |
|----------------|------------------------------|
| Certifications | CE, FCC Class A, IEC 60950-1 |

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## 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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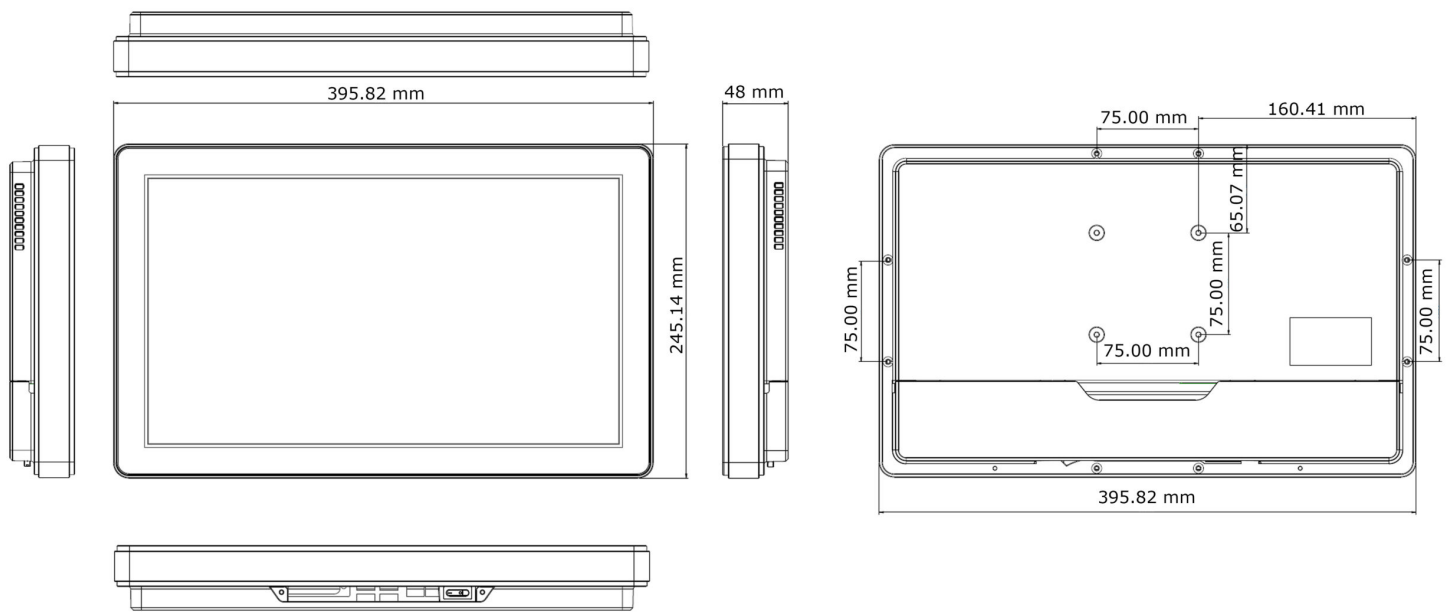
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## Tech Diagram Images



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