

# TANGO-7010

Compact Size



## Features

- » Compact Industrial Mini PC
- » Smart Fan system
- » 12th Intel® Core™ i Processors
- » Triple 2.5GbE LAN
- » Built-in Wi-Fi 6E & Bluetooth 5.2 module (internal antenna)

## Specifications

Form factor	
SBC Form Factor	<ul style="list-style-type: none"> <li>» CPU: 12th Intel® Core™ i Processors</li> <li>» Chipset: H610</li> <li>» System Memory: 2 x SODIMM 3200MHz DDR4, 8GB pre-installed up to 64GB</li> <li>» Power: DC Jack: 12V DC</li> <li>» Consumption: 12V@2.95A (Intel® Core™ i7-12700TE with 8GB memory)</li> </ul>
I/O Interface	
I/O Ports	<ul style="list-style-type: none"> <li>» USB:                             <ul style="list-style-type: none"> <li>2 x USB3.2 Gen2</li> <li>2 x USB3.2 Gen1</li> </ul> </li> <li>» Ethernet:                             <ul style="list-style-type: none"> <li>3 x RJ-45 2.5 GbE by I225V controller</li> </ul> </li> <li>» Display:                             <ul style="list-style-type: none"> <li>2 x HDMI™ 2.0B Support CEC (up to 4k@ 60Hz)</li> <li>1 x DP 1.4 (up to 4k@ 60Hz)</li> </ul> </li> <li>» COM Port:                             <ul style="list-style-type: none"> <li>1x RS-232 (DB9)</li> <li>1x RS-232/422/485 (DB9)</li> </ul> </li> <li>» TPM:                             <ul style="list-style-type: none"> <li>Support Intel PTT</li> </ul> </li> <li>» Wireless/Bluetooth:                             <ul style="list-style-type: none"> <li>INTEL AX210 WiFi 6E &amp; Bluetooth 5.2 Module built-in 2T2R antenna</li> </ul> </li> <li>» Watchdog Timer:                             <ul style="list-style-type: none"> <li>Programmable 1 ~ 255 sec/min</li> </ul> </li> </ul>
Expansion Slots	
Expansion Slots	<ul style="list-style-type: none"> <li>» M.2:                             <ul style="list-style-type: none"> <li>1 x 2230 E-key (PCIe Gen3 x1/USB2.0) (preinstalled WIFI Module)</li> <li>1 x 2280 M-key (PCIe Gen4 x4)</li> <li>1 x 2280 M-key (PCIe Gen3 x4)</li> </ul> </li> </ul>
System	
Cooling method / System Fan	Smart Fan
Drive Bays	1 x 2.5" SATA 6Gb/s HDD/SSD bay (support up to 9.5 mm SSD)
Indicator&Buttons	
Buttons	1 x Power button(with LED)

	1 x Reset button
Indicators	1 x Power LED
<b>Physical Characteristics</b>	
Construction	ABS Plastic + Aluminum
<b>Color</b>	
Color	Black C & grey (Pantone 430C)
<b>Dimensions</b>	
Dimensions	192.09 x 158 x 64 (mm)
<b>Weight</b>	
Weight	1.29 / 2.34kg
<b>Environment</b>	
Operating Temperature	0°C ~ 40°C with 0.7M/S air flow (SSD)
Humidity	10% ~ 95% non-condensing
Operating Vibration	10-500 Hz, 1.04 Grms, random, 1 hr/axis (SSD)
Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis (SSD)
Safety & EMC	CE/RED/FCC/UKCA/ compliant
<b>OS Support</b>	
OS Support	Microsoft® Windows® 10/11, Linux

## Ordering Information

TANGO-7010-i9AWC-R10	Fan System with Intel® Core™ i9-12900TE 1.1 GHz (up to 4.8 GHz, 16-core, TDP 35W), 1 x 8GB DDR4 pre-installed, 3 x 2.5GbE LAN, 2 x HDMI, 1 x DP, 4 x USB, 12V DC, Wifi-6E, RoHS
TANGO-7010-i7AWC-R10	Fan System with Intel® Core™ i7-12700TE 1.4 GHz (up to 4.6 GHz, 12-core, TDP 35W), 1 x 8GB DDR4 pre-installed, 3 x 2.5GbE LAN, 2 x HDMI, 1 x DP, 4 x USB, 12V DC, Wifi-6E, RoHS
TANGO-7010-i5AWC-R10	Fan System with Intel® Core™ i5-12500TE 1.9 GHz (up to 4.3 GHz, 6-core, TDP 35W), 1 x 8GB DDR4 pre-installed, 3 x 2.5GbE LAN, 2 x HDMI, 1 x DP, 4 x USB, 12V DC, Wifi-6E, RoHS
TANGO-7010-i3AWC-R10	Fan System with Intel® Core™ i3-12100TE 2.1 GHz (up to 4 GHz, quad core, TDP 35W), 1 x 8GB DDR4 pre-installed, 3 x 2.5GbE LAN, 2 x HDMI, 1 x DP, 4 x USB, 12V DC, Wifi-6E, RoHS
TANGO-7010-W10IoT21-V-R10 <a href="#">[Peripheral]</a>	OS Image with Windows® 10 Enterprise Value 64-bit 2021 LTSC for TANGO-7010 i3 & i5 Series, with DVD-ROM, RoHS
TANGO-7010-W10IoT21-H-R10 <a href="#">[Peripheral]</a>	OS Image with Windows® 10 Enterprise High End 64-bit 2021 LTSC for TANGO-7010 i7 & i9 Series, with DVD-ROM, RoHS

## Packing List

1 x Mounting Screw	1 x VESA Mounting Kit
1 x Adapter	1 x Power Cord