

# 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)



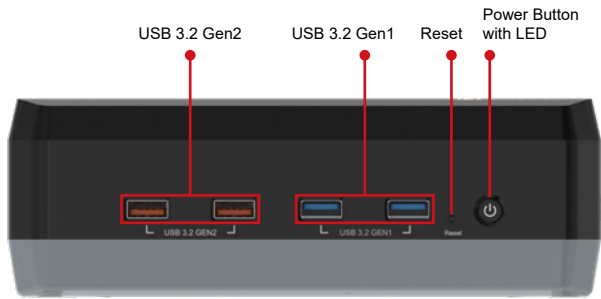
## Specifications

Model Name		TANGO-7010-i7AWC	TANGO-7010-i5AWC	TANGO-7010-i3AWC
Form factor	Color	Black C & grey (Pantone 430C)		
	Dimension(WxDxH) (mm)	192.09 x 158 x 64 mm		
	System Fan	Fan		
	Chassis Construction	ABS Plastic + Aluminum		
Motherboard	CPU	Intel® Core™ i7-12700TE 1.4 GHz (up to 4.6 GHz, 12-core, TDP 35W)	Intel® Core™ i5-12500TE 1.9 GHz (up to 4.3 GHz, 6-core, TDP 35W)	Intel® Core™ i3-12100TE 2.1 GHz (up to 4 GHz, quad core, TDP 35W)
	Chipset	H610		
Memory	System Memory	2 x SODIMM 3200MHz DDR4, 8GB pre-installed up to 64GB		
Storage	SATA	1 x 2.5" SATA 6Gb/s HDD/SSD bay (support 9.5mm SSD)		
I/O Interfaces	USB	2 x USB 3.2 Gen2 2 x USB 3.2 Gen1		
	Ethernet	3 x 2.5 GbE by Intel® I226-V controller		
	Display	2 x HDMI™ 2.0B Support CEC (up to 4k@ 60Hz) 1 x DP 1.4 (up to 4k@ 60Hz)		
	COM	1 x RS-232 (DB9) 1 x RS-232/422/485 with AFC (DB9)		
	Wireless	INTEL AX210 WiFi 6E & Bluetooth 5.2 Module built-in 2T2R antenna		
	TPM2.0	Support Intel PTT		
Expansion Slots	M.2	1 x 2230 E-key (PCIe Gen3 x1/USB2.0)(preinstalled WIFI Module) 1 x 2280 M-key (PCIe Gen4 x4) 1 x 2280 M-key (PCIe Gen3 x4)		
Power	Power Input	DC JACK: 12V DC		
	Power Consumption	12V@2.95A (Intel® Core™ i7-12700TE with 8GB memory)		
Reliability	Mounting	VESA 75/100		
	Operating Temperature	0°C ~ 40°C with air flow (SSD), 10% ~ 95%, non-condensing		
	Storage Temperature	-10°C ~ 60°C with air flow (SSD), 10% ~ 90%, non-condensing		
	Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis (SSD)		
	Operation Vibration	10-500 Hz, 1.04 Grms, random, 1 hr/axis (SSD)		
	Weight (Net/Gross)	1.29 / 2.34kg		
	Safety / EMC	CE, RED, FCC, UKCA		
	Watchdog timer	Programmable 1 ~ 255 sec/min		
Others	Switch	1 x Power Button (with LED), 1 x Reset Button		
OS	Supported OS	Microsoft® Windows® 10/11, Linux		

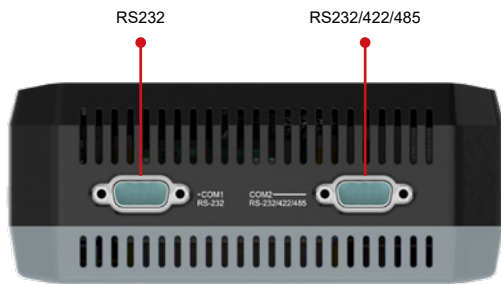
Fully Integrated I/O

Dimensions (Unit: mm)

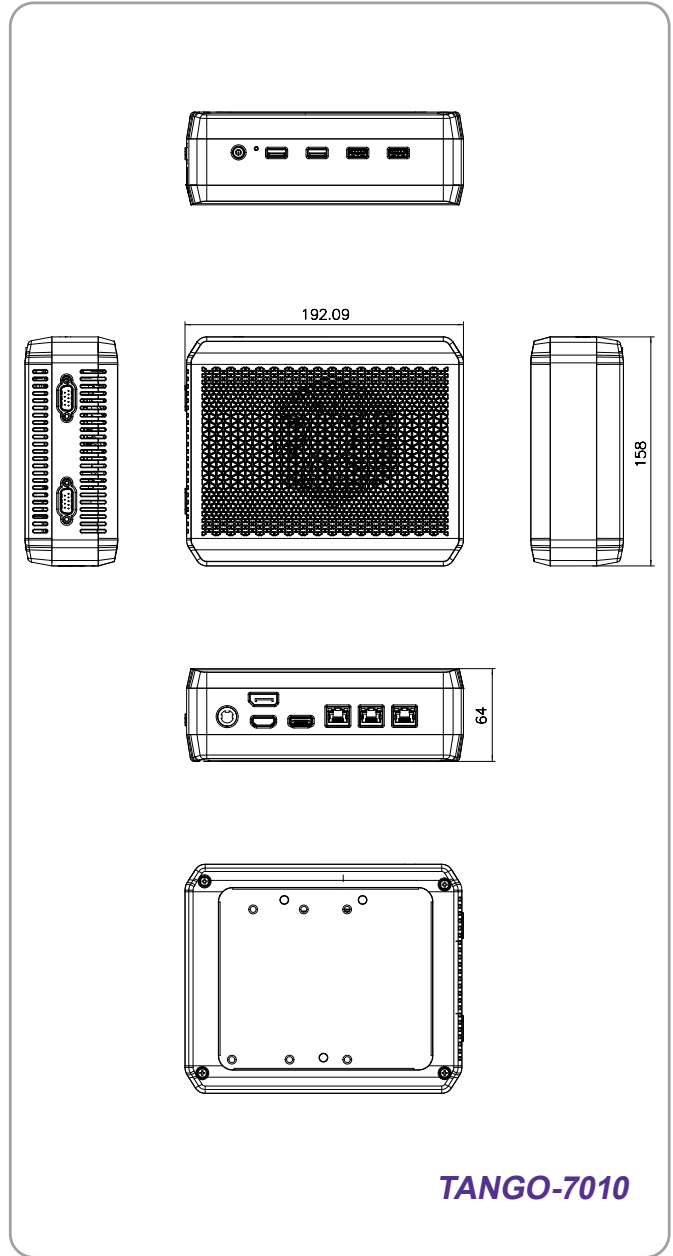
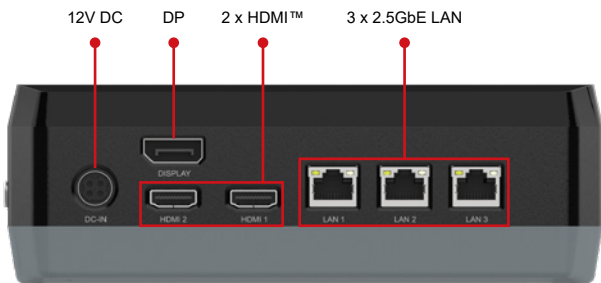
Front View



Side View



Rear View



TANGO-7010

Ordering Information

Part No.	Description
TANGO-7010-i3AWC-R11	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-i5AWC-R11	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-i7AWC-R11	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-i9AWC-R11	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

Options

Part No.	Description
TANGO-7010-W10IoT21-H-R10	OS Image with Windows® 10 Enterprise High End 64-bit 2021 LTSC for TANGO-7010 i7 & i9 Series, with DVD-ROM, RoHS
TANGO-7010-W10IoT21-V-R10	OS Image with Windows® 10 Enterprise Value 64-bit 2021 LTSC for TANGO-7010, i3 & i5 Series, with DVD-ROM, RoHS

Packing List

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