



### FEATURES

- Intel® Core™ i3-7100T / i5-7500T / i7-7700T
- 21.5" 1920x1080 LCD display
- Projected capacitive multi-touch control
- Flat frontal panel, IP66-compliant
- Dual Gigabit Ethernet
- Dual display support
- Standard PCIe x4 expansion slot
- Wide DC power range 9-29 VDC
- Wide AC power range 110-230 VAC



SYSTEM	
CPU	Intel® Core™ i3-7100T Intel® Core™ i5-7500T Intel® Core™ i7-7700T
CHIPSET	Intel® Kaby Lake
GRAPHICS	Intel® Gen9 Graphics DX 11/12
MEMORY TYPE	2x DDR4 SO-DIMM 2133 MHz max 32 GB
AUDIO	High Definition Audio
ETHERNET	1x 10/100/1000 Mbps Intel® I210 1x 10/100/1000 Mbps Intel® I219V

DISPLAY	
TFT TYPE	21.5" TFT LCD
MAX RESOLUTION	1920x1080
LUMINANCE	250 cd/m <sup>2</sup>
CONTRAST RATIO	1000 : 1
VIEW ANGLE	85° / 80° / 88° / 85° (L/R/U/D)
MAX COLORS	16.7 Millions
TOUCH TYPE	Projected capacitive multi-touch control

STORAGE	
DEVICE	2x 2.5" SSD / HDD

EXTERNAL I/O	
SERIAL PORTS	2x COM (RS-232/422/485), 1x COM (RS-232)
USB PORTS	4x USB 3.0, 1x USB 2.0
AUDIO	1x Line-Out, 1x Mic In
VIDEO OUTPUT	2x HDMI (4096x2160)
LAN	2x RJ45 Ethernet ports
PS2	N/A
SUPPLY CONNECTION	24 VDC terminal block 110-230 VAC standard VDE connector

EXPANSION SLOT	
MINI-PCIE	1x half size with PCIe x1
mSATA	1x full size mSATA (shared with SATA3)
PCIe slot	1x PCIe x4 slot (up to 200 mm) power reserved 5W

OS SUPPORT	
MICROSOFT®	Windows 10 Enterprise LTSC 2016 (64 bit)
MICROSOFT®	Windows 10 Enterprise LTSC 2019 (64 bit)
MICROSOFT®	Windows 10 PRO (64 bit)
LINUX	Ubuntu 20.04.1 LTS or newer and further distros

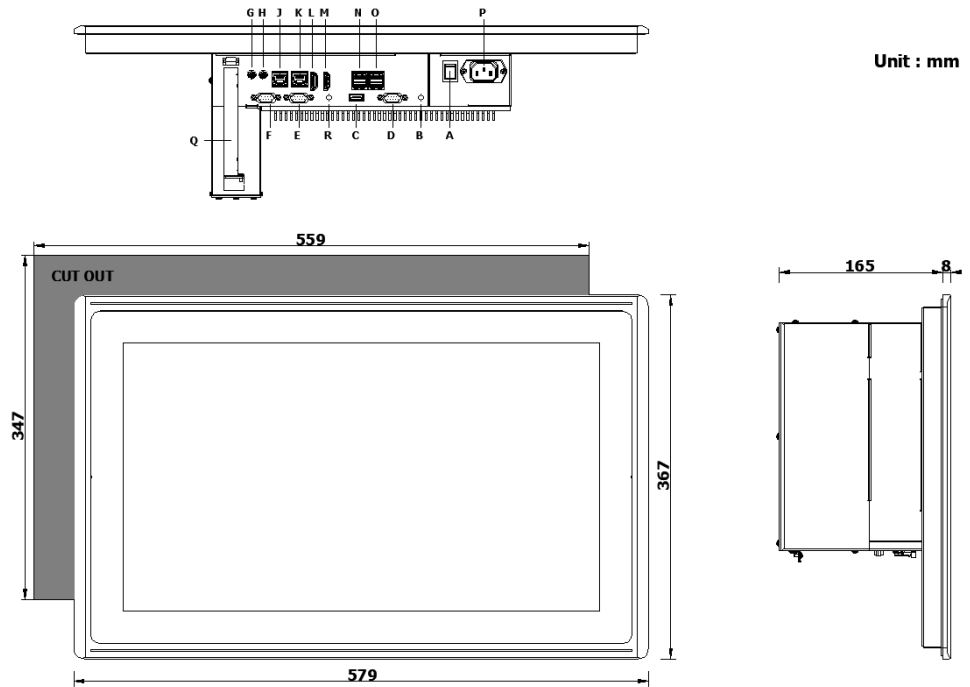
POWER SYSTEM	
RATED INPUT VOLTAGE	24 VDC 110-230 VAC
INPUT VOLTAGE LIMIT	9-29 VDC 90-264 VAC
POWER CONSUMPTION	70 W

MECHANICAL	
DIMENSION (WxHxD)	579x367x173 mm (22.8x14.4x6.8 in)
WEIGHT	11.5 Kg
FRONT PANEL	Aluminum frontal frame with 3 mm temperate glass
CHASSIS	SECC steel (galvanized)
MOUNTING TYPE	Panel mounting with retaining clips

ENVIRONMENT	
OPERATING TEMPERATURE	0 ~ 50 °C (32 ~ 122 °F) 0 ~ 45 °C (32 ~ 113 °F) only for i7
STORAGE TEMPERATURE	-20 ~ 60 °C (-4 ~ 140 °F)
OPERATING HUMIDITY	10 ~ 95 % @ 40°C (non-condensing)
FRONT PANEL PROTECTION	IP66
EMC	CE
SAFETY	CE

**Dimensions - I/O View :**

- A - Power switch
- B - Wi-fi antenna (optional)
- C - 1x USB 2.0
- D - RS-232/422/485 (COM 1)
- E - RS-232/422/485 (COM 2)
- F - RS-232 (COM 3)
- G - Audio output
- H - Mic-in
- J - Gigabit LAN 2
- K - Gigabit LAN 1
- L - HDMI 1
- M - HDMI 2
- N - 2x USB 3.0
- O - 2x USB 3.0
- P - Supply connector
- Q - 1x PCIe x4 slot
- R - Wi-fi antenna (optional)



Unit : mm

AVAILABLE OPTIONS		CONFIGURATION NUMBER						
		1	2	3	4	5	6	7
<b>WiFi Lan</b>	Wi-Fi Lan <sup>1</sup>	●						
Notes								
<sup>1</sup> 1 mt Wi-Fi antenna cable extension available on request								

## FRONTAL PANEL OPTIONAL

Frontal panel graphic customization area for logo<sup>1</sup>



<sup>1</sup>To go on with the frontal panel customization, we need the vectorial logo and the logo spot on the panel.  
Later we will send you a preview to be confirmed.

Unit : mm

