

# R19IT7T-OFM1

## 19" Intel® Core™ i5 (Tiger Lake) Open Frame Panel PC



### KEY FEATURES

- Intel® Core™ Tiger Lake UP3 i5-1135G7 (Without vPro) / Intel® Core™ Tiger Lake UP3 i5-1145G7E (With vPro)
- 1280x1024 Resolution
- Multi display supports DP / HDMI / LVDS / eDP panel interface
- Multiple I/Os, 2 x Serial Ports, 4 x USB 3.2 Gen. 1 Ports
- 12V Single Voltage Power Input



### SPECIFICATIONS

Display			
<b>Resolution</b>	1280x1024	<b>Size</b>	19.0 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	250.0 nits
<b>View Angles</b>	85,85,80,80	<b>Active Area</b>	376.32x301.06 mm
<b>Touch / Glass</b>	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		
System Specification			
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Processor</b>	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	<b>Memory</b>	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional) 2 x SO-DIMM, DDR4 3200 MHz, 4GB (Optional) 8GB (Optional) 16GB (Optional) 32GB (Optional) 64GB (Optional)
<b>Storage</b>	1 x M.2 M-Key 2242 SATA SSD or 1 x M.2 M-Key 2280 NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB(for NVMe) (Optional) 2TB(for NVMe) (Optional) 4TB(for NVMe) (Optional) 1 x SATA III , up to 2TB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 11 IoT Enterprise SAC (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)
Mechanical			
<b>Dimension</b>	445 x 355 x 71 mm	<b>Mounting</b>	Open Frame Panel Mount VESA Mount
<b>Enclosure</b>	Metal Housing	<b>Cooling System</b>	Fanless design
Environment			
<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 50°C

**Storage Temperature** -10°C to 60°C

### Certification

**Certification** CE, FCC

### IO Ports

**Power Input** 1 x 12V DC, Din4 pin connector

**USB Port** 4 x USB3.2 Gen2x1 (Type-A)

**Serial Port** 1 x RS232/422/485 (Default RS232)  
1 x RS232

**Video** 1 x DP1.4  
1 x HDMI 2.0 (Optional)

**Audio** Mic in  
Line out

**Expansion Port** 1 x M.2 2242/2280 Key M slot for SATA/NVMe SSD  
1 x M.2 2230 Key E slot for WiFi (Optional)

**LAN** 2 x Giga LAN RJ45 Connector

**Indicator** 1 x LED Indicator for power  
1 x LED Indicator for storage

**Brightness Knob** 1 x Brightness Adjustment Knob

### Control

**Button** 1 x Power Button  
1 x Reset Button

### Accessory

**Accessory** 100~240V AC to DC Adapter  
Power Cord  
VESA screws

### Power

**Power Rating** 12V DC

**Adapter** 12V 120W

## DIMENSIONS UNIT:MM

