R19IE3S-67M1ST
19" Intel Atom® x6413E IP67 Stainless Resistive Chassis Panel PC

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CE   FCC   IP67

Key Features

- Intel Atom® x6413E Elkhart Lake processor
- Fanless Design
- Full IP67 Dust / Water Resistant
- SUS 316 / AISI 316 Stainless Steel
- Optical Bonding with Anti-moisture Treatment
- 5 Wire Resistive Touch / Anti-Reflection Protection Glass (Optional)

Introduction

Winmate IP67 Resistive Chassis Panel PC Series is designed for reliability and durability in demanding environments, offering sizes from 10" to 19". Featuring a fanless design, stainless steel housing with anti-corrosion treatment, and full IP67 dust and water resistance, these panel PCs are built to perform in harsh conditions. With optical bonding and anti-moisture treatment, alongside optional 5-wire resistive touch or anti-reflection protection glass, this series is ideal for industrial automation, food processing, and outdoor applications requiring robust performance and easy maintenance.

Specifications

Display
Resolution
1280x1024
Size
19.0 inches
Contrast Ratio
1000:1
Panel Brightness
250.0 nits
View Angles
85,85,80,80
Active Area
376.32x301.06 mm
Touch / Glass
Resistive Touch Screen Bonding with Panel
Protection Glass w/o Touch Function (Optional)
System Specification
WLAN
Support (Optional)
BT
Support (Optional)
Processor
Intel Atom® x6413E (up to 3.0GHz)
Memory
1 x SO-DIMM, DDR4 3200 MHz, 4GB
8GB (Optional)
16GB (Optional)
Storage
1 x M.2 2242 B-key SSD 128GB
256GB (Optional)
512GB (Optional)
Ethernet controller
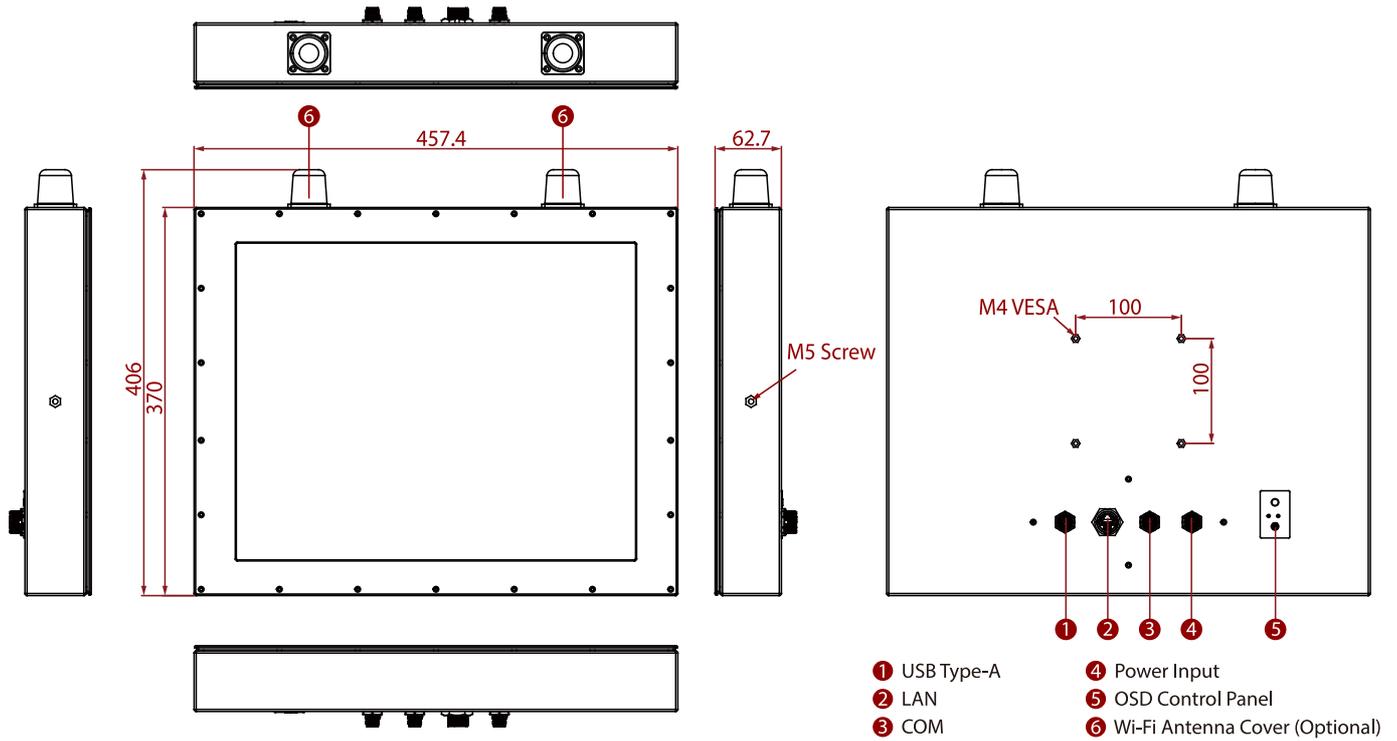1 x Intel® Ethernet Controller
Operating System
Windows 11 IoT Enterprise (64 bit) (Optional)
Windows 11 Pro 64 bit (Optional)
Windows 10 IoT Enterprise (64 bit) (Optional)

Linux Ubuntu 22.04 (Optional)
Mechanical
Dimension
457.4 x 369.5 x 62.7 mm
Mounting
VESA mount
Yoke mount (Optional)
Enclosure
Stainless Housing
Cooling System
Fanless Design
Environment
Operating Humidity
10% to 90% RH, Non-Condensing
Operating Temperature
0°C to 45°C
Storage Temperature
-20°C to 60°C
IP rating
IP67
Certification
Certification
CE, FCC
IO Ports
USB Port
1x M12 Waterproof Connector for 2 x USB2.0
Serial Port
1 x M12 waterproof connector for RS232
LAN
1 x Waterproof Giga LAN RJ45 Connector
Indicator
1 x LED Indicator for power
1 x LED Indicator for storage
Control
Button
1 x Power Button
1 x Reset Button
Accessory
Accessory
100~240V AC to DC Adapter with waterproof connector
Power Cord
External USB cable with waterproof connector
External COM cable with waterproof connector
External LAN cable with waterproof connector
Waterproof caps
Manual
VESA screws
Power
Power Rating
12V DC (M12 type)

Dimensions Unit:mm

457.4

62.7

6   6

406
370

M5 Screw

M4 VESA   100

100

❶ ❷ ❸ ❹   ❺

❶ USB Type-A   ❹ Power Input
❷ LAN   ❺ OSD Control Panel
❸ COM   ❻ Wi-Fi Antenna Cover (Optional)

Note

1. This is a simplified drawing and some components are not marked in detail.

2. Please contact our sales representative if you need further product information.

3. All specifications are subject to change without prior notice.

4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.