

# R19IT3S-SPM169

19" Intel® Core™ i5-1135G7 IP69K Stainless PCAP Chassis Panel PC



KEY FEATURES

- 19", 1280 x 1024 P-cap touch with flat design, IP69K Stainless PCAP Chassis Panel PC
- 11th Generation Intel® Core™ i5-1135G7 2.4GHz (up to 4.2GHz)
- SUS 316/ AISI 316 stainless steel for food and chemical industries
- Full IP69K waterproof enclosure
- A true flat, easy-to-clean front surface with edge-to-edge design
- Plenty of I/Os, including USB 2.0, RS232 and RJ45-10/100/1000 LAN
- Waterproof ports with adapter cables for external connectivity
- Support VESA/ YOKE mount
- Support Glove/ Rain mode
- Optical bonding (optional)

INTRODUCTION

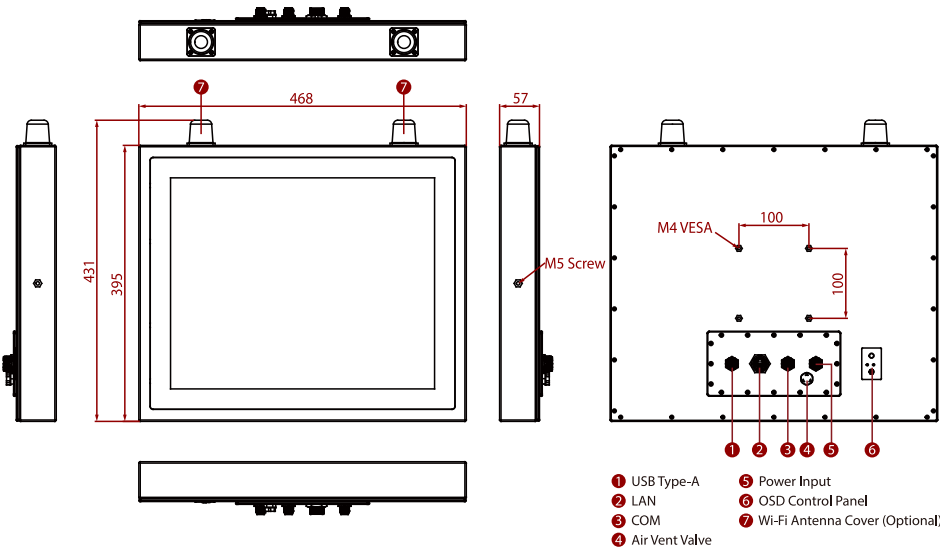
Winmate IP69K Stainless PCAP Chassis Panel PC Series offers robust solutions for demanding environments, featuring Intel® processors and sizes ranging from 10.4" to 24". Designed with SUS 316/AISI 316 stainless steel, these PCs are ideal for food, beverage, and chemical industries. The full IP69K waterproof enclosure, true-flat PCAP touch screen, and edge-to-edge design ensure durability, hygiene, and easy cleaning. Equipped with versatile I/Os, waterproof ports, and support for VESA/YOKE mounts, these panel PCs provide superior performance in wet, dusty, and extreme conditions, including Glove and Rain modes.

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        | Projected Capacitive Multi Touch Screen                                                     |                     |                                                                                         |
| System Specification |                                                                                             |                     |                                                                                         |
| WLAN                 | Support (Optional)                                                                          | BT                  | Support (Optional)                                                                      |
| Processor            | Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)                                                  | Memory              | 1 x SO-DIMM, DDR4 3200 MHz, 4GB<br>8GB (Optional)<br>16GB (Optional)<br>32GB (Optional) |
| Storage              | 1 x M.2 2280 M-Key NVMe SSD 128GB<br>256GB (Optional)<br>512GB (Optional)<br>1TB (Optional) | Ethernet controller | 2 x Intel® Ethernet Controller                                                          |

|                     |                                                                                                                                                                                                                                                     |                       |                                                                                                                                                  |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | 2TB (Optional)<br>1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional)                                                                                                                                                                                |                       |                                                                                                                                                  |
| Security            | TPM 2.0                                                                                                                                                                                                                                             | Operating System      | Windows 11 IoT Enterprise (64 bit) (Optional)<br>Windows 11 Pro 64 bit (Optional)<br>Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional) |
| Mechanical          |                                                                                                                                                                                                                                                     |                       |                                                                                                                                                  |
| Dimension           | 468 x 395 x 57 mm                                                                                                                                                                                                                                   | Weight                | 9.5Kg                                                                                                                                            |
| Mounting            | VESA Mount<br>Yoke Mount                                                                                                                                                                                                                            | 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             | IP69K                                                                                                                                            |
| Certification       |                                                                                                                                                                                                                                                     |                       |                                                                                                                                                  |
| Certification       | CE, FCC                                                                                                                                                                                                                                             |                       |                                                                                                                                                  |
| IO Ports            |                                                                                                                                                                                                                                                     |                       |                                                                                                                                                  |
| Power Input         | 1 x M12 waterproof connector for 12V DC                                                                                                                                                                                                             | 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<br>1 x LED Indicator for storage                                                                                                                                                                                        |                       |                                                                                                                                                  |
| Control             |                                                                                                                                                                                                                                                     |                       |                                                                                                                                                  |
| Button              | 1 x Power Button<br>1 x Reset Button                                                                                                                                                                                                                |                       |                                                                                                                                                  |
| Accessory           |                                                                                                                                                                                                                                                     |                       |                                                                                                                                                  |
| Accessory           | 100~240V AC to DC Adapter with waterproof connector<br>Power Cord<br>External USB cable with waterproof connector<br>External COM cable with waterproof connector<br>External LAN cable with waterproof connector<br>Waterproof caps<br>VESA screws |                       |                                                                                                                                                  |
| Power               |                                                                                                                                                                                                                                                     |                       |                                                                                                                                                  |
| Power Rating        | 12V DC (M12 type)                                                                                                                                                                                                                                   |                       |                                                                                                                                                  |

DIMENSIONS UNIT:MM



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.