

# R19IAD3S-67FTP(HB) 19" Intel(R) Core(TM) i5-1235U G-WIN Full IP67 P-CAP Panel PC

Manufacturer part number: R19IAD3S-67FTP(HB) | G-WIN Series / IP67 Design



Explore Winmate R19IAD3S-67FTP(HB), an industrial panel PC featuring Intel(R) Core(TM) i5-1235U, 19-inch display, IP67 for machine control and factory automation.

| System Specification |                                                                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Processor            | Intel(R) Core(TM) i5-1235U 3.3GHz(up to 4.40 GHz)                                                                                            |
| Memory               | 8GB(Default), 16GB (Optional), 32GB (Optional)                                                                                               |
| Storage              | 128GB SSD(Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB (Optional), 2TB (Optional), 4TB (Optional)                               |
| Ethernet controller  | 1 x Intel(R) Ethernet Controller                                                                                                             |
| Security             | TPM 2.0                                                                                                                                      |
| Operating System     | Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional) |
| WLAN                 | Support (Optional)                                                                                                                           |
| BT                   | Support (Optional)                                                                                                                           |
| Display              |                                                                                                                                              |
| Touch / Glass        | Projected Capacitive Multi Touch Screen Bonding With Panel                                                                                   |
| Size                 | 19.0 inches                                                                                                                                  |
| Resolution           | 1280x1024                                                                                                                                    |
| Panel Brightness     | 1000.0 nits                                                                                                                                  |
| Contrast Ratio       | 1000:1                                                                                                                                       |
| View Angles          | 85,85,80,80                                                                                                                                  |
| Active Area          | 376.32x301.06 mm                                                                                                                             |
| Mechanical           |                                                                                                                                              |
| Dimension            | 474 x 410 x 111 mm                                                                                                                           |
| Cut out              | 462 x 386 mm                                                                                                                                 |
| Weight               | 9.8 kg                                                                                                                                       |
| Mounting             | Panel mount (Default), VESA mount (Optional)                                                                                                 |
| Enclosure            | Aluminum Housing                                                                                                                             |
| Cooling System       | Fanless Design                                                                                                                               |
| Environment          |                                                                                                                                              |
| Operating Humidity   | 10% to 90% RH, Non-Condensing                                                                                                                |

|                              |                                                                                                                                                                                                                                                                                                      |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating Temperature</b> | -10 deg C to 55 deg C, -40 deg C to 55 deg C (with intelligent heater)                                                                                                                                                                                                                               |
| <b>Storage Temperature</b>   | -30 deg C to 70 deg C                                                                                                                                                                                                                                                                                |
| <b>Shock</b>                 | MIL-STD-810G Method 516.6 Procedure I                                                                                                                                                                                                                                                                |
| <b>Vibration</b>             | MIL-STD-810G Method 514.6 Procedure I                                                                                                                                                                                                                                                                |
| <b>IP rating</b>             | IP67                                                                                                                                                                                                                                                                                                 |
| <b>Certification</b>         |                                                                                                                                                                                                                                                                                                      |
| <b>Certification</b>         | CE, FCC                                                                                                                                                                                                                                                                                              |
| <b>IO Ports</b>              |                                                                                                                                                                                                                                                                                                      |
| <b>USB Port</b>              | 1 x M12 waterproof connector for 2 x USB2.0, 1 x Waterproof USB Type-A Connector with cover                                                                                                                                                                                                          |
| <b>Serial Port</b>           | 1 x M12 waterproof connector for RS232                                                                                                                                                                                                                                                               |
| <b>LAN</b>                   | 1 x waterproof Giga LAN RJ45 connector                                                                                                                                                                                                                                                               |
| <b>Indicator</b>             | 1 x LED Indicator for power, 1 x LED Indicator for storage, 1 x LED Indicator for heater, 1 x LED Indicator for LAN, 1 x LED Indicator for lock touch                                                                                                                                                |
| <b>Power Input</b>           | 1 x M12 waterproof connector for 9~36V DC                                                                                                                                                                                                                                                            |
| <b>Control</b>               |                                                                                                                                                                                                                                                                                                      |
| <b>Button</b>                | 1 x Power Button, 1 x Brightness up Button, 1 x Brightness down Button, 1 x Button for locking touch function, 1 x Programmable function key                                                                                                                                                         |
| <b>Accessory</b>             |                                                                                                                                                                                                                                                                                                      |
| <b>Accessory</b>             | External open wire Power cable with waterproof connector, External USB cable with waterproof connector, External COM cable with waterproof connector, External LAN cable with waterproof connector, Waterproof caps, RJ45 female-female converter, USB Type A converter, Mounting clips, VESA screws |
| <b>Optional Accessory</b>    | 100~240V AC to DC 120W Adapter with power cord (Optional)                                                                                                                                                                                                                                            |