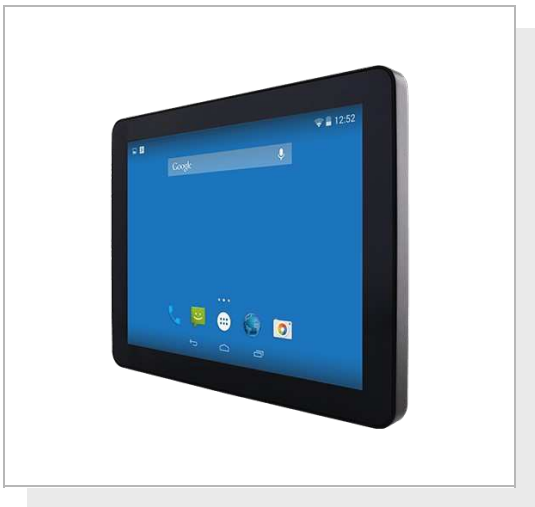


# R10FA3S-GST2

## 10.4" NXP i.MX6 G-WIN GS-Series Full IP65 PCAP Panel PC



### KEY FEATURES

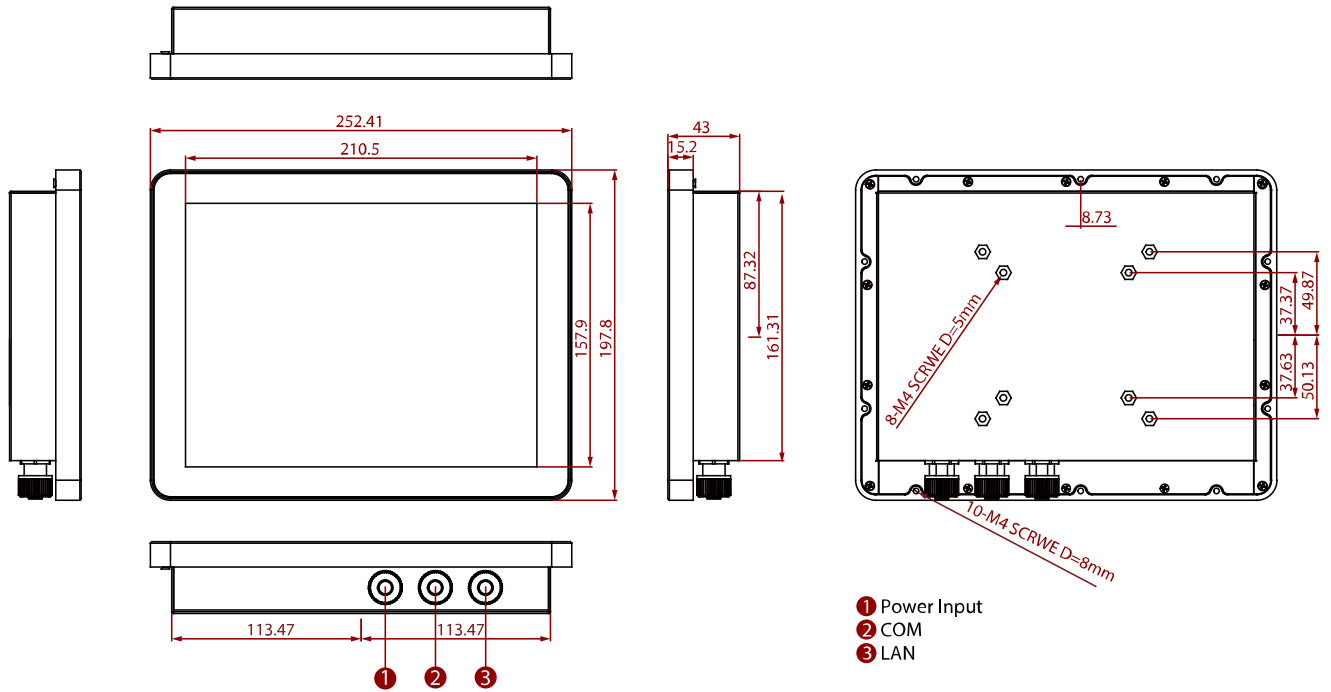
- 10.4" 1024 x 768 with P-CAP touchscreen
- NXP i.MX6 Dual Core 1GHz (Optional Quad Core)
- Fanless cooling system and Ultra-low power consumption
- Onboard LPDDR3 1GB Full IP65 PCAP Panel PC
- Onboard 16GB eMMC Flash
- Full IP65
- 1 x LAN, 1 x RS232, 1 x USB, 1 x USB OTG, 1 x Console, 1 x Micro SD



### SPECIFICATIONS

| Display                      |  |
|------------------------------|--|
| <b>Resolution</b>            | 1024x768   |
| <b>Contrast Ratio</b>        | 1000:1   |
| <b>View Angles</b>           | 88,88,88,88  |
| <b>Touch / Glass</b>         | Projected Capacitive Multi Touch Screen<br>Protection Glass (Optional)   |
| <b>Size</b>                  | 10.4 inches  |
| <b>Panel Brightness</b>      | 350 nits   |
| <b>Active Area</b>           | 210.4x157.8 mm   |
| System Specification         |  |
| <b>Processor</b>             | NXP i.MX6 Dual Core, 1.0GHz  |
| <b>Memory</b>                | 1GB<br>2GB (Optional)  |
| <b>Storage</b>               | eMMC: Onboard 16 GB<br>eMMC: Onboard 32 GB (Optional)  |
| <b>Operating System</b>      | Linux Ubuntu 18.04 (Optional)<br>Android 6.0 (Optional)<br>Debian 7.0 (Optional)<br>Linux 4.1.15 QT 5.5 (Optional) |
| <b>WLAN</b>                  | Support (Optional)   |
| <b>BT</b>                    | Support (Optional)   |
| Environment                  |  |
| <b>Operating Humidity</b>    | 10% to 95% RH  |
| <b>Operating Temperature</b> | -15~55°C   |
| <b>Storage Temperature</b>   | -30°C to 60°C  |
| <b>Shock</b>                 | 40g for 11ms   |
| <b>Vibration</b>             | 1.48/1.90/2.24 g rms for XYZ/ 5-500Hz  |
| <b>IP rating</b>             | IP65, Dustproof and Waterproof   |
| Certification                |  |
| <b>Certification</b>         | CE, FCC<br>Compliant with MIL-STD-810F/G for vibration / shock   |
| IO Ports                     |  |
| <b>USB Port</b>              | 1 X USB 2.0 (M12 type)   |
| <b>Serial Port</b>           | 1 x RS232 (M12 type)(Optional 422/485)   |
| <b>SD Card Slot</b>          | 1 x Micro SD Card Slot   |
| <b>LAN</b>                   | 1 x LAN-10/100/1000 (M12 type)   |
| Power                        |  |
| <b>Power Rating</b>          | 12V DC (M12 type)  |
| Accessory                    |  |
| <b>Accessory</b>             | Quick Start Guide (Hardcopy)<br>Driver CD & User Manual<br>M12 Power Cable<br>M12 Serial Interface Cable           |

**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.