# Gladius G1075

## 10.1" Intel® Core i3® 6100U Rugged Tablet PC

## Features

- 10.1"WXGA IPS LED display with projected capacitive touch
- High computing performance from Intel® Quad Core Celeron®
- Fully rugged for mobile POS or warehousing application
- Meeting MIL-STD-810G, IP65, 4 ft. drop resistance
- High mobility and multiple connectivity (Bluetooth/WLAN)
- Adopting multi-touch screen with Corning® Gorilla® Glass
- Supporting external battery with battery cover and internal battery
- Providing four function keys and home key

| **System** | |
|---|---|
| CPU | Intel® Core i3-6100U® Processor Dual-core 2.3 GHz |
| Graphics Controller | Intel® HD Graphics |
| Memory | 2GB DDR3L SO-DIMM memory module installed (optional up to 8GB) |
| BIOS | UEFI BIOS |
| Audio | 1 x integrated microphone<br>2 x piezoelectric speaker<br>1 x 3.5 mm headset combo jack |
| Storage | 1 x 32GB MLC mSATA SSD |
| **Peripherals and Devices** | |
| Camera | 2 x 5.0 MP rear AF CMOS camera with LED |
| WLAN & Bluetooth | 1 x WLAN 802.11 a/b/g/n & Bluetooth 4.0 LE, class 2 |
| Sensor | Accelerometer, Magnetometer, Gyroscope & Light Sensor |
| **I/O Interface** | |
| USB Port | 1 x USB 3.0 Type-A port<br>1 x USB 2.0 Micro Type-B port |
| SD Card | 1 x microSD/SDHC/SDXC slot |
| HDMI | 1 x Mini HDMI 1.4 port |
| Docking Port | 1 x 8-pin docking connector |
| Reset | 1 x reset button |
| **Button & Indicator** | |
| Power Button | 1 x Power on/off button |
| LED Indicators | 1 x Power LED<br>1 x Battery LED<br>1 x WLAN LED<br>1 x Bluetooth LED |
| **Touch Screen** | |
| Type | 10-point Projected Capacitive Touch w/ Corning® Gorilla® Glass |
| Light Transparency | 84.5% (typ.) |
| Controller Interface | USB interface |

| **LCD Display** | |
|---|---|
| Size/Type | 10.1" WXGA IPS LED display |
| Max. Resolution | 1280x800(WXGA) |
| Luminance | 350 cd/m² (typ.) |
| Contrast Ratio | 900 : 1 |
| View Angle (U/D/R/L) | 89°/89°/89°/89° |
| Backlight Type | LED |
| **Power Supply** | |
| Adapter Input | 100 ~ 240VAC (full range) |
| Adapter Output | 19VDC, 3.42A, 65W |
| Battery Type | Li-battery pack |
| Battery Capacity | 1 x 2270mAh 4-cell external battery pack<br>1 x 2270mAh 2-cell internal battery pack (optional) |
| Battery Life | Up to 8 hours (depends on configuration and use) |
| **Mechanical & Environmental** | |
| Operating Temp. | -20 ~ 45ºC (-4 ~ 113ºF) |
| Storage Temp. | -20 ~ 60ºC (-4 ~ 140ºF) |
| Charging Temp. | 0 ~ 35ºC (32 ~ 95ºF) |
| Operating Humidity | 10 ~ 95% @ 45ºC (non-condensing) |
| Dimensions (W x H x D) | 260 x 200 x 30.6 mm (10.24" x 7.87" x 1.20") |
| Gross Weight | 1.0 kg (2.20 lb) w/o 2-cell internal battery pack |
| Vibration | 20 to 1000 Hz @ 1 grms per MIL-STD 810G (operating)<br>20 to 1000 Hz @ 3 grms per MIL-STD 810G (non-operating) |
| Shock | 11 ms @ 20G per MIL-STD 810G for unit only (operating)<br>11 ms @ 40G per MIL-STD 810G for unit only (non-operating) |
| Transit Drop | 1.2m (4ft.) per MIL-STD-810G for whole unit |
| IP Rating | IP65 |
| Regulatory | CE EN55022 class B<br>FCC 47 CFR, Part 15 Subpart B |
| **OS Support** | |
| Windows Embedded 7 / Windows 7 Professional<br>Windows Embedded Standard 8.0 / Windows Embedded 8.1 Industry Pro<br>Windows 10 IoT Enterprise 2015 LTSB<br>Linux: Ubuntu | |
| **Ordering Information** | |
| G1075 | 10.1" Intel® Core i3 6100U rugged tablet PC with WXGA LCD, projected capacitive touch, battery pack, WLAN, Bluetooth and R/F Camera |



Preliminary