

# Gladius G1056

## 10.4" AMD G-T56N Rugged Tablet PC



### Features

- 10.4" AFFS+ TFT Active Matrix with Resistive and Digitizer Touch Screen
- AMD G-Series G-T56N Accelerated Processing Unit
- Integrated 4GB DDR3-1333 Memory and 32GB 1.8" SATA SSD Drive
- Multi Connectivity (WWAN, WLAN, Gigabit Ethernet, Bluetooth)
- Intergrated Dual 5.0 MP Auto Focus CMOS Cameras and RFID
- Hot-swappable redundant dual batteries
- AMD Radeon™ 6320 with DirectX® 11, OpenGL™ 4.1 and OpenCL™ 1.1 Support

#### System

|                     |   |
|---------------------|---|
| CPU                 | AMD G-Series APU G-T56N dual-core 1.65GHz |
| Graphics Controller | AMD Radeon™ HD 6320                       |
| Memory              | 4GB DDR3 SO-DIMM memory module installed  |
| Chipset             | AMD Platform Control Hub A50M             |
| BIOS                | AMI Aptio® UEFI BIOS                      |
| Audio               | 1 x Integrated microphone                 |
|                     | 2 x Integrated 2W speakers                |
|                     | 1 x Earphone jack                         |
| Storage             | 1 x 32GB 1.8" SATA SSD installed          |

#### Peripherals and Devices

|           |  |
|-----------|--|
| Camera    | 5.0 MP front AF CMOS camera (optional)                               |
|           | Intergrated 5.0 MP rear-facing AF CMOS camera                        |
| RFID      | Integrated 13.56MHz, ISO 15693/14443A/14443B RFID Readers (optional) |
| WLAN      | Integrated WLAN 802.11 a/b/g/n                                       |
| Bluetooth | Integrated Bluetooth 2.1 + EDR                                       |
| WWAN      | Optional HSPA+ / HSPA+ / LTE for WWAN                                |

#### I/O Interface

|              |  |
|--------------|--|
| USB Port     | 4 x USB 2.0 ports                                |
| Serial Port  | 1 x RS-232 port (optional)                       |
| Ethernet     | 1 X RJ45 GbE LAN                                 |
| Docking Port | 1 x 35-pin pogo connector for docking connection |
| Video Port   | 1 x VGA; 1 x mini DisplayPort                    |

#### Button & Indicator

|              |  |
|--------------|--|
| Function Key | 1 x 5-way function key                                 |
| Power Button | 1 x Power on/off button                                |
| LED          | 4 x LEDs (Power, Battery Status, WLAN/RFID, Bluetooth) |

#### Touch Screen

|                      |  |
|----------------------|--|
| Type                 | Analog Resistive                               |
| Controller Interface | USB Interface                                  |
| Digitizer            | Electromagnetic digitizer with batter-free pen |

#### LCD Display

|                      |                                     |
|----------------------|-------------------------------------|
| Size/Type            | 10.4" AFFS+ TFT Active Matrix Panel |
| Max. Resolution      | 1024 (H) x 768 (V)                  |
| Luminance            | 340 cd/m <sup>2</sup>               |
| Contrast Ratio       | 600:1                               |
| View Angle (U/D/R/L) | 89°/89°/89°/89°                     |
| Backlight Type       | LED                                 |

#### Power Supply

|                        |   |
|------------------------|---|
| Adapter Input          | 100 ~ 240VAC (Full Range)                 |
| Adapter Output         | 19VDC, 4.74A, 90W                         |
| Battery Type           | Li-battery pack                           |
| Battery Capacity       | 2 x 2500mAh 4-cell external battery packs |
| Battery Operating Time | 6 hours (typ.)                            |

#### Mechanical & Environmental

|                        |  |
|------------------------|--|
| Operating Temp.        | -20 ~ 45°C (-4 ~ 113°F)                        |
| Storage Temp.          | -20 ~ 60°C (-4 ~ 140°F)                        |
| Discharging Temp.      | -20 ~ 40°C (-4 ~ 104°F)                        |
| Charging Temp.         | 0 ~ 40°C (32 ~ 104°F)                          |
| Operating Humidity     | 10 ~ 95% @ 45°C (non-condensing)               |
| Dimensions (W x D x H) | 266.8 x 257.7 x 67.7 mm (10.5" x 10.1" x 2.7") |
| Gross Weight           | 1.8 kg (3.9 lb)                                |
| Vibration              | 3 Grms/ 5 ~ 500Hz/ random operation            |
| Shock                  | 40G peak acceleration (11 ms duration)         |
| Transit Drop           | 3ft. (90cm), except the front side             |
| IP Rating              | IP54 (Front panel only)                        |
| Regulatory             | CE/FCC Class B, VCCI certified                 |

#### OS Support

Windows 8 Embedded / Windows 8 Professional  
 Windows Embedded 7 / Windows 7 Professional  
 Windows XP Embedded / Windows XP Professional

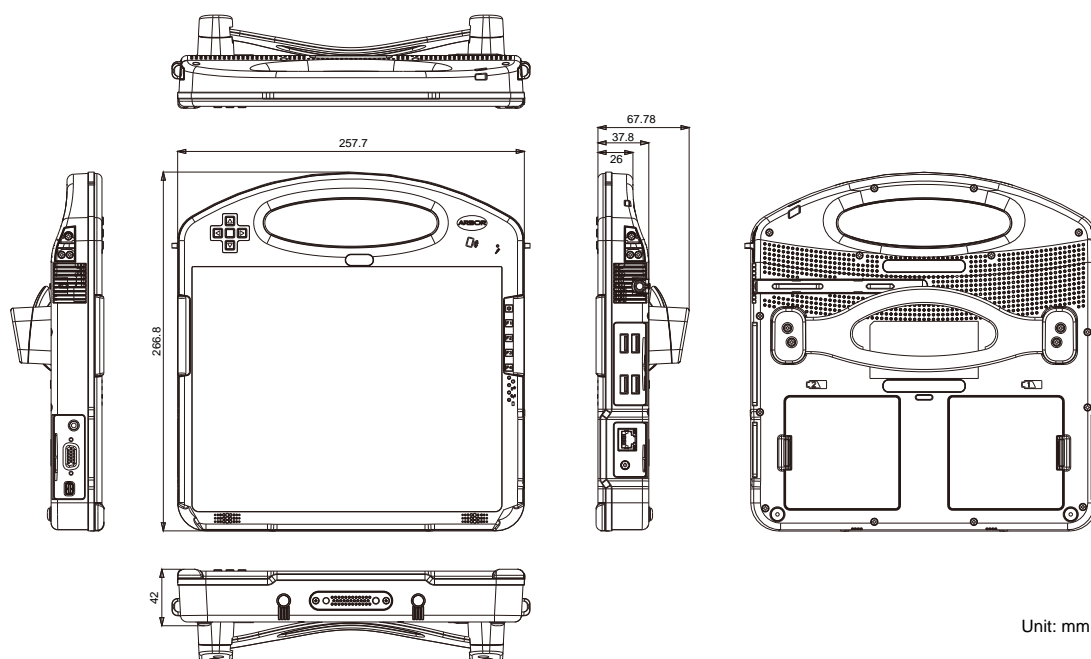
#### Ordering Information

|       |  |
|-------|--|
| G1056 | 10.4" AMD G-Series T56N rugged tablet PC with WiFi, Bluetooth, Digitizer and Rear Camera |
|-------|--|

*All specifications are subject to change without notice.*






## Dimensions









Unit: mm




### Standard Accessories

|               |   |   |
|---------------|---|---|
| PAC-G090W     | 20V/4.5A 90W AC/DC Adapter Kit          |   |
| Digitizer Pen | Digitizer Pen Kit                       |  |
| BAT-G1056     | 2 x Black 2500mAh External Battery Kits |  |

### Optional Accessories

|            |   |   |
|------------|---|---|
| PAC-G090W  | 20V/4.5A 90W AC/DC Adapter Kit                    |  |
| eBATB-1056 | External Battery (Black) Kit for G1056            |  |
| PEN-1056   | Battery-free Digitizer Pen Kit                    |  |
| SST-1056   | Shoulder Strap, 128 x 3.7cm                       |  |
| WMC-1056   | Wall-Mount Cradle for G1056 (See page 025)        |  |
| CHR-1056   | Dual-Bay Battery Charger for G1056 (See page 027) |  |

### Optional Configuration (CTOS\* Kit) (Not Sold Separately)

|             |                            |   |
|-------------|----------------------------|---|
| CAM50F-1056 | 5.0M Front CMOS Camera Kit |  |
| RFID-1056   | 13.56MHz RFID Kit          |  |
| HSUPA-1056  | 3.75G HSUPA Wireless Kit   |  |

\*CTOS means Configure-to-Order Service.