

# Gladius G0720

7" Intel® Atom™ Z530P Rugged Tablet PC



## Features

- 7" Wide TFT Active Matrix Outdoor-readable Touch Panel
- Ultra Low Power Consumption
- Fully Rugged Mobile POS for Warehousing/Vehicle Computer Application
- Meets MIL-STD-810F, Whole Machine IP54 Grade, Drop Resistant from Height of 182cm
- High Mobility, Multi-network Connectivity (Bluetooth/WLAN/HSUPA 3.75G/GPS)
- Multi-identification Devices (Barcode, RFID, MSR)
- Hot-swappable Dual-batteries, Providing Battery Life up to 8 Hours
- 61-key Keypad

## System

|                            |   |
|----------------------------|---|
| <b>CPU</b>                 | Intel® Atom™ Z530P 1.6GHz CPU with FSB 533MHz |
| <b>Graphics Controller</b> | GMA 500 Integrated                            |
| <b>Memory</b>              | 2GB DDR2-667 SDRAM                            |
| <b>Chipset</b>             | Intel® System Controller Hub US15WPT          |
| <b>BIOS</b>                | AMI BIOS                                      |
| <b>Audio</b>               | Azalia HD DT Audio                            |
| <b>Storage</b>             | 1 x 32GB 1.8" SSD                             |

## Peripherals and Devices

|                        |  |
|------------------------|--|
| <b>Serial Port</b>     | 1 x RS-232 port  |
| <b>USB Port</b>        | 2 x USB 2.0 ports  |
| <b>Camera</b>          | 1 x 2.0 megapixels Auto Focus CMOS camera  |
| <b>RFID</b>            | Integrated ISO 15693/14443A/14443B RFID Reader (distance: 3~5cm; speed: 5 cards/sec) |
| <b>Ethernet</b>        | 1 x Realtek Gigabit Ethernet controller  |
| <b>Wi-Fi</b>           | Integrated WLAN 802.11 b/g/n   |
| <b>Bluetooth</b>       | Integrated Bluetooth 2.1 + EDR   |
| <b>GSM/UMTS</b>        | Gobi 3000 3G module for GSM/GPRS/EDGE, EV-DO networks (optional)                     |
| <b>GPS</b>             | 1 x GPS module (Vehicle Cradle function)   |
| <b>Barcode Scanner</b> | 1 x 1D/2D Barcode scanner  |
| <b>MSR</b>             | 1 x RS-232 type Magnetic Stripe Reader module (optional)                             |
| <b>Expansion</b>       | 1 x 35-pin pogo connector for connection with vehicle cradle                         |
| <b>SIM Socket</b>      | 1 x SIM socket (located underneath the battery pack)                                 |

## Button & Indicator

|                     |   |
|---------------------|---|
| <b>Function Key</b> | 6 x Function keys<br>2 x Menu buttons on the front<br>2 x Barcode Scanner trigger button on the sides |
| <b>Power Button</b> | 1 x Power on/off button on the right side   |
| <b>Keypad</b>       | 1 x 61-key keypad   |

## LCD Display

|                        |                                     |
|------------------------|-------------------------------------|
| <b>Size/Type</b>       | 7" wide active matrix TFT           |
| <b>Max. Resolution</b> | 1024 x 600 (WVGA) w/ 262,144 colors |
| <b>Luminance</b>       | 800 cd/m <sup>2</sup> (typ.)        |
| <b>Contrast Ratio</b>  | 400 : 1                             |
| <b>Backlight Type</b>  | LED                                 |

## Touch Screen

|                             |                  |
|-----------------------------|------------------|
| <b>Type</b>                 | Analog Resistive |
| <b>Light Transparency</b>   | 76% (typ.)       |
| <b>Controller Interface</b> | USB Interface    |

## Power Supply

|                               |                           |
|-------------------------------|---------------------------|
| <b>Adapter Input</b>          | 100 ~ 240VAC (Full Range) |
| <b>Adapter Output</b>         | 19VDC, 3.42A, 65W         |
| <b>Battery Type</b>           | Li-battery pack           |
| <b>Battery Capacity</b>       | 2 x 2500mAh 3-cell        |
| <b>Battery Operating Time</b> | 8 hours                   |

## Mechanical & Environmental

|                               |  |
|-------------------------------|--|
| <b>Operating Temp.</b>        | 0 ~ 50°C (32 ~ 122°F)                    |
| <b>Storage Humidity</b>       | 5 to 95% (non-condensing)                |
| <b>Dimensions (W x D x H)</b> | 188 x 240 x 47 mm (7.4" x 9.45" x 1.85") |
| <b>Gross Weight</b>           | 1.7 kg (3.7 lb)                          |
| <b>Vibration</b>              | 3 Grms/ 5 ~ 500Hz/ random operation      |
| <b>Shock</b>                  | 75G peak acceleration (11 ms duration)   |
| <b>Transit Drop</b>           | 182cm (6 feet) drop to concrete          |
| <b>IP Rating</b>              | IP54 compliant                           |
| <b>Regulatory</b>             | CE/FCC Class B compliant                 |

## Ordering Information

|                 |  |
|-----------------|--|
| <b>G0720</b>    | 7" Intel® Atom™ Z530P rugged tablet PC   |
| <b>BAT-0720</b> | Battery pack kit   |
| <b>VMC-0720</b> | Vehicle cradle with 1 x GPS, 2 x RS-232, 2 x USB ports, 1 x GbE port, Audio Jack (1 x speaker, 1 x MIC), support wide ranged 9 ~ 48V DC inputs and VESA-75 |

## UNITRONIX Pty Ltd

PO Box 486, Morisset NSW 2264  
 NSW: Tel: 61 2 4977 3511 Fax: 61 2 4977 3522  
 WA: Tel: 61 8 9455 2424 Fax: 61 8 9455 2458  
 unitsyd@unitronix.com.au www.unitronix.com.au

All specifications are subject to change without notice.