

# Gladius G0820

8" Intel® Atom™ Z530P Rugged Tablet PC



## Features

- Sunlight-readable and high luminance for outdoor applications
- Ultra Low Power Consumption
- Fit Mobile POS for Warehousing/Vehicle Computer Application
- Meets MIL-STD-810F, IP54 rated, 6 feet Drop Resistant
- High Mobility, Multi Connectivity (Bluetooth/WLAN/3.75G/GPS)
- Multi-identification Devices (Barcode, RFID)
- Hot-swappable Dual-batteries, Providing Battery Life up to 8 Hours

## 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 HSUPA module (3.75G) 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 (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 2 x Menu buttons on the front 2 x Barcode Scanner trigger button on the sides
<b>Power Button</b>	1 x Power on/off button on the right side

## LCD Display

<b>Size/Type</b>	8" active matrix TFT
<b>Max. Resolution</b>	1024 x 768 (XGA) w/ 16.2M colors
<b>Luminance</b>	700 cd/m <sup>2</sup> (typ.)
<b>Contrast Ratio</b>	700 : 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>	-20 ~ 50°C (-4 ~ 122°F)
<b>Charging Temp.</b>	0 ~ 40°C (32 ~ 104°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>	1.8 kg (3.9 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)
<b>IP Rating</b>	IP54 (whole unit)
<b>Regulatory</b>	CE/FCC Class B compliant

## Ordering Information

<b>G0820</b>	8" Intel® Atom™ Z530P rugged tablet PC with HSUPA and 2D Barcode Scanner
<b>BAT-0720</b>	Battery pack kit