

Gladius G1050

10.4" Intel® Atom™ Z530P Rugged Tablet PC with numeric keypad



Features

- 10.4" TFT Active Matrix with Resistive Touch Panel
- Ultra Low Power Consumption
- Fully Rugged Mobile POS for Warehousing Application
- Meet MIL-STD-810F, IP54, 122cm Drop Resistance
- High Mobility, Multiple Connectivity (Bluetoothw/LAN/3.75G)
- Identification Devices (Barcode Scanner, RFID Reader)
- Hot-swappable Battery Providing Battery Life up to 6 Hours
- 23-key Numeric and Functional Keypad
- I.P.A. (Isopropyl) Alcohol Clearance Allowed

System

CPU	Intel® Atom™ Z530P 1.6GHz CPU with FSB 533MHz
Graphics Controller	GMA 500 Integrated
Memory	2GB DDR2-533 SDRAM
Chipset	Intel® System Controller Hub US15WPT
BIOS	AMI BIOS
Audio	Azalia HD Audio Integrated Microphone Integrated 2W Speaker 1 x Audio-out jack
Storage	1 x 32GB 1.8" SSD

Peripherals and Devices

USB Port	1 x USB 2.0 port
Camera	1 x 2.0 megapixels Auto Focus CMOS camera (optional)
RFID	Integrated 13.56MHz, ISO 15693/14443A/14443B RFID Reader (distance: 3~5cm; speed: 5 cards/sec) (optional)
Wi-Fi	Integrated WLAN 802.11 b/g/n
Bluetooth	Integrated Bluetooth 2.1 + EDR (optional)
Barcode Scanner	1 x 1D/2D Barcode scanner (optional)
GSM/UMTS	Gobi 3000 HSUPA module (3.75G) for GSM/GPRS/EDGE, EV-DO networks (optional)
SD Card	1 x SD/SDHC Slot
Expansion	1 x 35-pin pogo connector for connection with desktop cradle 1 x ExpressCard/34 or USB 2.0
SIM Socket	1 x SIM socket
Hand Strap	1 x Black Elastic Hand Strap (212mm)

Button & Indicator

Function Key	10 x Numeric keys (0 ~ 9); 1 x Enter key; 1 x 4-way arrow keys; 4 x Function keys; 1 x ESC key; 1 x Back-space key; 1 x Dot (.) key; 1 x Brightness control key;
Power Button	1 x Power on/off button 1 x Battery LED
LED Indicator	1 x RFID (optional)/HSUPA (optional) LED 1 x Bluetooth (optional) LED

LCD Display

Size/Type	10.4" TFT Active Matrix Panel
Max. Resolution	1024 x 768 (XGA) w/ 262,144 colors
Luminance	340 cd/m ² (typ.)
Viewing Angle	178° (H), 178° (V)
Backlight Type	LED

Touch Screen

Type	5-Wires Analog Resistive
Light Transparency	80% (typ.)
Controller Interface	USB Interface

Power Supply

Adapter Input	100 ~ 240VAC (Full Range)
Adapter Output	19VDC, 3.4A, 65W
Battery Type	Li-battery pack
Battery Capacity	1 x 1880mAh 3-cell, 1 x 2500mAh 4-cell
Battery Operating Time	6 hours

Mechanical & Environmental

Operating Temp.	-20 ~ 45°C (-4 ~ 113°F)
Charging Temp.	0 ~ 40°C (32 ~ 104°F)
Storage Humidity	5 to 95% (non-condensing)
Dimensions (W x D x H)	205 x 294 x 25 mm (8.07" x 11.57" x 0.98")
Gross Weight (for G1050-Lite)	1.1 kg (2.42 lb) w/ external battery pack, w/o internal battery pack
Vibration	3 Grms/ 5 ~ 500Hz/ random operation
Shock	40G peak acceleration (11 ms duration)
Transit Drop	122cm (4 feet)
IP Rating	IP54 (whole unit)
Regulatory	CE/FCC Class B compliant

Ordering Information

G1050	10.4" Intel® Atom™ Z530P rugged tablet PC with dual battery packs, Camera, Bluetooth, WiFi, HSUPA, RFID
G1050-Medium	10.4" Intel® Atom™ Z530P rugged tablet PC with dual battery packs, WiFi, Bluetooth, Camera
G1050-Lite	10.4" Intel® Atom™ Z530P rugged tablet PC w/ external battery pack, WiFi
eBAT-1050	4-cell external battery pack
DTC-1050	Desktop Cradle for Gladius G1050 Series
VMB-1050	Vehicle Mount Bracket (VESA-75)
VSB-100	VESA-75 to VESA-100 Bracket
SST-0720	Shoulder Strap (280mm)

All specifications are subject to change without notice.

Computer on Module
Compact Board
Slot Board
Industrial Motherboard
Wide Temperature
SBC Daughterboard /Power Converter /Mounting Kit
Rugged Tablet PC
Medical PC
Industrial Panel PC/Monitor
Wide Temperature Box PC
BOX PC
Network Appliance
Industrial Chassis /Backplane /Power supply