

Gladius G1050

10.4" Intel® Atom™ Z530P Rugged Tablet PC



Features

- 10.4" TFT Active Matrix with Resistive Touch Panel
- Ultra Low Power Consumption
- Fully Rugged Mobile POS for Warehousing Application
- Meets MIL-STD-810F, IP54 rated, 4 feet Drop Resistant
- High Mobility, Multi Connectivity (Bluetooth/WLAN/3.75G)
- Identification Devices (Barcode Scanner, RFID Reader)
- Hot-swappable Battery Providing Battery Life up to 9 Hours
- 23-key Keypad

System

CPU	Intel® Atom™ Z530P 1.6GHz CPU with FSB 533MHz
Graphics Controller	GMA 500 Integrated
Memory	2GB DDR2-667 SDRAM
Chipset	Intel® System Controller Hub US15WP
BIOS	AMI BIOS
Audio	Azalia HD DT Audio Integrated Microphone Integrated 1.5W 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 (G1050 only)
RFID	Integrated 13.56MHz, ISO 15693/14443A/14443B RFID Reader (distance: 3~5cm; speed: 5 cards/sec)
Wi-Fi	Integrated WLAN 802.11 b/g/n
Bluetooth	Integrated Bluetooth 2.1 + EDR (G1050 only)
Barcode Scanner	1 x 1D/2D Barcode scanner (G1050 only)
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 1 x ExpressCard/54 (G1050 only)
SIM Socket	1 x SIM socket

Button & Indicator

Function Key	10 x Number keys (0 ~ 9) 1 x Enter key 1 x 4-ways arrow keys 4 x Function keys 1 x ESC key 1 x Backspace key 1 x Dot (.) key 1 x Brightness control key
Power Button	1 x Power on/off button
LED Indicator	1 x Battery LED 1 x RFID/3G LED 1 x Bluetooth/WiFi 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	9 hours

Mechanical & Environmental

Operating Temp.	-20 ~ 50°C (-4 ~ 122°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	1.1 kg (2.42 lb)
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 Internal Battery, 2D Barcode scanner, RFID, Camera, Bluetooth
G1050-Lite	10.4" Intel® Atom™ Z530P rugged tablet PC
BAT-1050	4-cell battery pack

All specifications are subject to change without notice.