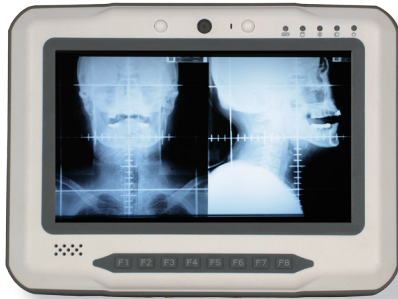


Gladius G0710

7" Intel® Atom™ Z510 Mobile Medical Data Terminal



Features

- 7" Wide Active Matrix TFT Panel
- EN60601-1/EN60601-1-2/UL60601-1 Certified
- Ultra Light (1kg)
- Ultra Low Power Consumption
- Multi Connectivity (Bluetooth/WLAN/RFID/1 x GbE LAN)
- Ultra Reliability/IP54 Compliant Enclosure
- Instant Resume (Suspend to Disk/RAM)
- Passive Cooling System (Fanless)
- Ultra Long Battery Life (4 hours)

System

CPU	Intel® Atom™ Z510 1.1GHz processor
Graphics Controller	Intel® GMA 500
Memory	Soldered Onboard 1GB DDR2 SDRAM
Chipset	Intel® System Controller Hub US15W
BIOS	AMI BIOS
Audio	1 x integrated Microphone 1 x integrated 0.5W speaker
Storage	4GB Industrial Compact Flash Card 32GB 1.8" PATA SSD

Peripherals and Devices

Camera	1 x 1.3 megapixels CMOS Camera w/Mic (front) 1 x 2.0 megapixels CMOS Camera w/o Mic (back)
RFID	Integrated ISO 15693/14443A/14443B RFID Reader (distance: 3~5cm; speed: 5 cards/sec)
Wi-Fi	Integrated WLAN 802.11 b/g/n (USB interface)
Bluetooth	Integrated Bluetooth 2.1+EDR module (USB interface)
GSM/UMTS	Up to HSUPA 3.75G (G0710-SSD/3G only) Mini-card HSUPA (3.75G) module, supporting WCDMA, HSUPA, HSDPA & E-GPRS, Triband HSDPA/UMTS (850, 1900, 2100 MHz), Quadband EDGE/GPRS/GSM (850, 900, 1800, and 1900 MHz)
Expansion	1 x 35-pin pogo connector for connection with desk-top cradle
SIM Socket	1 x SIM socket (located underneath the battery pack)

I/O Interface

Serial Port	1 x RS-232 port
USB Port	2 x USB 2.0 ports
LAN	1 x Realtek RTL8111 Gigabit Ethernet controller

Button & Indicator

LED Indicator	5 x LEDs on front panel (Power, Storage/Battery/RFID/Bluetooth)
Function Key	8 programmable function keys on front panel (brightness up and down, volume up and down, mute on/off, bluetooth on/off, Wi-Fi on/off, touchscreen on/off)
Power Button	1 x Power on/off switch on the bottom right 1 x Reset switch on the top right
RFID Button	1 x RFID on/off switch on the top left

LCD Display

Size/Type	7" wide active matrix TFT
Max. Resolution	1024 x 600 (WSVGA) w/ 262,144 colors
Luminance	300 cd/m ² (typ.)
Contrast Ratio	400 : 1
Backlight Type	LED

Touch Screen

Type	Analog Resistive
Light Transparency	73% (typ.)
Controller Interface	USB Interface

Power Requirement

Adapter Input	100 ~ 240VAC (Full Range)
Adapter Output	20VDC, 3A, 60W with medical certificate
Battery Type	Li-battery pack
Battery Capacity	2600mAh 4-cell
Battery Operating Time	4 hours

Mechanical & Environmental

Operating Temp.	0 ~ 45°C (32 ~ 113°F)
Storage Humidity	5 to 95% (non-condensing)
Dimensions (W x D x H)	210 x 36 x 160 mm (8.26" x 1.42" x 6.29")
Net Weight	1.46 kg (3.22 lb)
Vibration	1 Grms/ 5 ~ 500Hz/ random operation
Shock	10G peak acceleration (11ms duration)
Transit Drop	122cm (4 feet) drop to wood, 5 sides all pass, except the front panel side
IP Rating	IP54 compliant
Regulatory	CE/FCC Class B/EN60601-1/EN60601-1-2/UL60601-1

OS Support

Windows 7 Embedded / Windows 7 Professional
Windows XP Embedded / Windows XP Professional
Ubuntu and Fedora Linux compliant

Ordering Information

G0710-SSD	7" Intel® Atom™ tablet PC with 32GB 1.8" SSD
G0710-SSD/3G	7" Intel® Atom™ tablet PC with 32GB 1.8" SSD, HSUPA
G0710-CF	7" Intel® Atom™ tablet PC with 4GB CF