

Gladius G0820

8" Intel® Atom™ Z530P Rugged Tablet PC



Features

- 8" 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

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 US15WPT
BIOS	AMI BIOS
Audio	Azalia HD DT Audio
Storage	1 x 32GB 1.8" SSD

Peripherals and Devices

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

Button & Indicator

Function Key	6 x Function keys 2 x Menu buttons on the front 2 x Barcode Scanner trigger button on the sides
Power Button	1 x Power on/off button on the right side

LCD Display

Size/Type	8" active matrix TFT
Max. Resolution	1024 x 768 (XGA) w/ 16.2M colors
Luminance	700 cd/m ² (typ.)
Contrast Ratio	700 : 1
Backlight Type	LED

Touch Screen

Type	Analog Resistive
Light Transparency	76% (typ.)
Controller Interface	USB Interface

Power Supply

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

Mechanical & Environmental

Operating Temp.	0 ~ 50°C (32 ~ 122°F)
Storage Humidity	5 to 95% (non-condensing)
Dimensions (W x D x H)	188 x 240 x 47 mm (7.4" x 9.45" x 1.85")
Gross Weight	1.8 kg (3.9 lb)
Vibration	3 Grms/ 5 ~ 500Hz/ random operation
Shock	75G peak acceleration (11 ms duration)
Transit Drop	182cm (6 feet) drop to concrete
IP Rating	IP54 compliant
Regulatory	CE/FCC Class B compliant

Ordering Information

G0820	8" Intel® Atom™ Z530P rugged tablet PC
BAT-0720	Battery pack kit
VMC-0720	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

All specifications are subject to change without notice.

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