

# GD3070



The GD3070 Rugged Tablet PC is the newest Ultra Mobile lightest Rugged Tablet PC weighing below 1.2kg.

It is manufactured with a Magnesium alloy case to comply with MIL-STD 810G and IP54. The low power processor and the dual battery pack hot swappable capability gives the ability to the GD3070 fully working for up to 10 hours.

## GD3070 Rugged Tablet PC

*The Smallest, Lightest Rugged Tablet PC*

### Reliable

Providing for Computing - Anywhere, Anytime

- Meets or exceeds MIL-STD 810G
- ASTM 4169-99 Truck Assurance Level II, Schedule E 11.5.2
- Sealed against water and dust intrusion (IP54) Procedure II IPX4
- Magnesium alloy casing and shock resistant mounting

### Innovative

For Today and for the Future

- Sunlight Readable solution incorporates polarized LCD glass, Anti-Reflection technology, as well as enhanced brightness LED backlight to achieve superior Sunlight readability.
- Intel® Z530P (1.6GHz, FSB 533MHz)
- Advanced Resistive Touch Technology
- One DDRII 533 SO-DIMM Socket

### Services

We Know the Road

- Standard 3 yr limited warranty
- Expanded service options available

### Wireless

Upgradable, Modular Design for Unparalleled Performance and Flexibility

- Express and SD card slot with optional sealed cover
- Intel WiFi Link 5100 (802.11a/b/g/Draft-N WLAN)
- Bluetooth® 2.1 + EDR
- Optional GPS, WWAN, Barcode Scanner and RFID Reader
- Various combinations available depending on specific requirements

### Ergonomic

Designed for Rugged Mobility

- One handed operation
- 1.2 kg (weight may vary depending on actual configuration)
- Intuitive design for easy operation

**GENERAL DYNAMICS**  
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## GD3070 Product Specifications



### Temperature

- Operating: -20°C (-4°F) to 60°C (140°F)
- Non-operating: -55°C (-67°F) to 75°C (167°F)

### Humidity

- According to IEC 68-2-30 / MIL-STD-810G, Method 507
- 5% to 95% RH, non condensing

### Altitude

- According to IEC 68-2-13/ MIL-STD-810G, Method 500.4
- Operating: 15,000ft
- Non-operating: 40,000ft
- Altitude change rate: 2,000ft/min

### Shock

- According to IEC 68-2-27/ MIL-STD-810G, Method 516.5

### Drop

- According to IEC 68-2-32 / MIL-STD-810G Method 516.5

### Vibration

- According to IEC 68-2-6 / MIL-STD-810G Method 514.5
- ASTM 4169-99 Truck Assurance Level II, Schedule E

### ESD

- According to IEC1000-4-2

### Enclosure

- IP 54; Rain: MIL-STD 810F, 506.4 II
- 4" per hour, 40psi for 10 minutes on all axes

### Regulation

- FCC, CE, EMI/Safety CSA

### Others

- Thermal Shock
- LCD Stress Test
- Brench Handling

### OS

- Windows XP Tablet Edition
- Windows Vista Business
- Windows 7 Professional

### CPU

- Intel® Atom Processor Z530P (1.6GHz, FSB 533MHz)

### Memory

- One 200-pin DDRII SO-DIMM Socket for 1GB/2GB RAM Module

### LED

- (4) color LEDs for notification, power / charge indicator, hard disk activity, wireless

### Display

- LCD Display 7" WSVGA (1024x 600 resolution) TFT LCD with touch screen panel,
- LED backlighting, Optional Sunlight readable function.
- Build-in ambient light sensor to adjust LCD brightness

### Storage

- HDD 1.8" SATA 120G HDD with G sensor to support "park" function during drop
- Optional SATA SSD (4G/8G/16G/32G)

### Keyboard

- Full backlit numeric keypad, programmable keys
- Enter, Up / Down / Left / Right Navigation, Escape,
- Security, Rotate Display, Function Key, Suspend/ Power

### Data Capture

- 1D/2D BarCode scanner (optional)
- Magnetic Stripe Reader (MSR) (optional)

### Camera

- Integrated 2.0 Mega Pixel camera at the back of unit

### GPS

- Global positioning system (GPS) receiver (Factory Option)

### Communication Interface

- Integrated 10/100 Ethernet network (RJ45)
- Intel WiFi Link 5100 [802.11a/b/g/Draft-N (1x2)]
- Bluetooth v2.1 + EDR (Factory Option)

### Audio

- Intel high definition audio
- One 1.5W speaker
- Mic. Array

### Power

- AC Adapter Output: 19V, 3.42A; 65W Input: 100V-240V, 50Hz-60Hz
- Twin hot-swappable Lithium Polymer Battery Packs (7.4V, 2580mAh; 19Wh each)
- Mobile Mark 2005 productivity workload battery life: 6hrs
- Remove battery without using a tool

### I/O Port

- Expansion slot One Express Card 34/54 slot
- One SD card slot
- I/O Ports Two Audio jacks for Mic. and headphone
- Two USB Ports
- One RJ-45 port
- One DC-In jack
- One docking connector located at the bottom

### Dimension & Weight

- 225 x 145 x 39.8 mm (exclusive of bumpers)
- 1.2 kg (weight may vary depending on actual configuration)

**GENERAL DYNAMICS**

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