



## COMPUTING SOLUTIONS FOR RUGGED ENVIRONMENT

# Our Products

## RUGGED COMPUTING

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## INDUSTRIAL COMPUTING

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## RUGGED NETWORKING

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## MOBILE SECURITY /SURVEILLANCE

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## DOCKS & MOUNTINGS

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## CUSTOMISED INSTALLATIONS

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# Rugged Laptops



## Toughbook CF-33

12" Fully Rugged Windows 2-in-1 Laptop built for maximum mobility

### Specifications

- Intel® Core 7th gen (i5 / i7) processor
- 8GB ~ 16GB /256GB /512GB
- 12.0" QHD 3:2 high brightness outdoor display (up to 1200cd/m²)
- Windows® 10 Pro or Windows 7 Professional downgrade
- Flexible configurations (True serial, 2D BCRr, 2nd USB 2.0, SCR, Contactless SCR, FPR backward compatibility with an entire generation of Toughbook 31 vehicle docks)



## Getac X500

15.6" Ultra Rugged Laptop  
Large Screen, Endless Expansions

### Specifications

- Powerful Intel 7th gen quad core i5 /i7 processor
- 8GB ~ 64GB /500GB /1TB / 512GB / 1TB
- 15.6" Large HD 1000 nits QuadraClear® sunlight readable display
- Optional NVIDIA® GeForce® GTX950M 4GB discrete graphic controller, Hyper threading for demanding applications
- RAID storage
- Expandability of desktop computer - 2 x PCI /PCIe expansion
- Windows 10 Pro



## Getac B300

13.3" Rugged Tablet, Maximum Performance as Rugged as it gets

### Specifications

- Powerful Intel 8th gen quad core i5 /i7 processor
- 8GB ~ 64GB /500GB /1TB / 512GB / 1TB
- 13.3" TFT LCD XGA 700 nits display
- Optional 1400 nits display with touchscreen
- Upto 15hrs battery life on single charge (30hrs with dual battery)
- Dual serial ports
- Windows 10 Pro
- Optional salt fog compliance
- Night vision



## Durabook R13S

13.3" Rugged Laptop  
Extremely rugged features

### Specifications

- Powerful Intel 6th gen quad core i5 /i7 processor
- 8GB ~ 64GB /500GB /1TB / 512GB / 1TB
- 13.3" TFT XGA LCD 950 nits display
- Upto 13.5 hours to 19 hours with Hot swap dual LAN ports
- Stealth Mode, Optional FPR, SCR
- Windows 10 Pro



## Panasonic CF-20

10.1" Fully Rugged Windows 2-in-1 laptop unrivalled versatility for mobile business computing

### Specifications

- Intel® M series Core i5 processor
- 8GB ~ 16GB /128GB /256GB /512GB
- 10.1" WUXGA display (up to 800cd/m²)
- Windows® 10 Pro or Windows 7 Professional downgrade
- 1080p webcam with dual array mic
- Optional contactless SCR / NFC, 8MP rear camera
- 4G LTE
- Up to 17 hours battery life with 2nd battery



## Getac V110

11.6" Rugged Windows Tablet  
Even faster, more secure

### Specifications

- Powerful Intel 8th gen quad core i5 /i7 processor
- 8GB ~ 64GB /128GB / 512GB / 1TB
- 11.6" IPS TFT LCD HD, 800 nits
- Capacitive multi-touch screen display Intel® HD Graphics 620
- Optional RFID and contactless SCR, FPR
- Dual battery - 13hrs battery life
- Windows 10 Pro
- Optional salt fog compliance
- Night vision

## Newly launched Getac K120 Fully Rugged Tablet



## Getac K120

12.5" Fully Rugged Tablet

### Specifications

- Intel Core i5 8250U 1.6 to 3.4 GHZ
- 4 GB ~ 32 GB/ 128 GB / 256GB / 512GB / 1 TB
- 12.5" IPS TFT LCD Full HD multi-touch screen,sunlight readable display
- Windows 10 Professional 64 Bit
- Optional 1D/2D image barcode reader
- Optional backlit keyboard
- Hot swappable battery
- Optional integrated 4G LTE

# Rugged Tablets



## Getac A140

14" Rugged Windows Tablet  
See More, Do More, Around the clock power, Configurable & custom built

### Specifications

- Windows 10 Pro
- Powered by Intel 6th Gen (i5 /i7) processor
- 14" sunlight readable full HD IPS 1000 Nits,
- 4GB ~ 32GB /128GB /256 GB /512 GB cap multi touch screen
- Ethernet x 2, Micro SD, Optional 4G LTE FPR, RFID Broadband, 1D/2D BCR, serial port or VGA,



## Getac F-110

11.6" Rugged Windows Tablet, Maximum Speed & Security, Dual battery for limitless power

### Specifications

- Windows 10 Pro
- 7th Generation i7/i5 vPro™ Processor 4GB~16GB / 128GB / 256GB / 512GB
- 11.6" LumiBond® Display, Sunlight Readable, Capacitive Touchscreen
- 6 Customisable Configurations - Optional 1D/2D BCR/Serial Port/Ethernet/MicroSD/2nd USB 2.0 Port/Serial Port+Ethernet)
- Hot-Swap Battery Technology



## Panasonic FZ-G1

10.1" fully Rugged Windows Tablet  
Mobile Business Excellence, Light Weight, Next Gen Outdoor Full HD display

### Specifications

- Windows® 10 Professional
- 10.1", HD daylight-readable,
- 6th Generation Intel® Core vPro Processor
- Up to 28 Hours of Use with an Optional Long Life Battery
- Optional integrated Bridge Battery, SmartCard, 2D Barcode, Magstripe, RFID, Serial



## Getac T800

8.1" Rugged Windows Tablet, Always Ready, Always Rugged, Thin & Light, Vehicle Ready

### Specifications

- 8.1" HD LumiBond® 2.0 display for better viewing experience
- Intel® Atom Processor x7-Z8750 8GB, 64GB
- Windows 10 Professional
- SnapBack add-on for Smart card, contact-less RFID reader Combo or 2nd battery ,Choice of 1D/2D imager BCR /Serial port / Micro SD / Ethernet



## Panasonic FZ-M1

7" fully Rugged Windows Tablet built for productivity without compromise equipped with the industry's broadest range of configuration options

### Specifications

- 5' Drop and All-weather IP65 Dust
- Windows® 10 Professional
- 7", daylight-readable, multi-touch screen
- Optional NFC, Ethernet, Serial, SmartCard, Magstripe, UHF RFID and Barcode Reader



## Getac ZX70

7" fully Rugged Android Tablet Compact and Mobile, Full Shift Battery life

### Specifications

- e-Mark for vehicle usage
- 7" IPS TFT LCD HD sunlight readable LCD, capacitive Touchscreen glove on,
- Intel Atom® Atom™ x5-Z8350 Processor
- 2GB ~ 4GB /32GB / 64GB /128GB, Android 6.0
- Optional 4G LTE mobile broadband, contactless RFID/NFC Combo, UF RFID, BCR



## Winmate M 700 DM8

7" Rugged Android Tablet provides robust features designed to withstand industrial use.

### Specifications

- Android 7.0
- ARM's Cortex - A53 Octa Processor
- 7" Projected capacitive touchscreen Display
- 2MP front Camera 8MP rear Camera



## Getac UX10

10.1" fully Rugged Windows Tablet, Versatile and portable designed for Rugged performance

### Specifications

- Dust and Water-resistant Design with windows 10 pro
- Intel core i7 8565 1.8 Ghz U processor,
- 10.1" IPS TFT FHD readable multi touch display
- 4GB DDR4 Expanadable to 16GB optional eMMC. 256GB SSD expandable to 512/1TB
- Optional 1D/2D image barcode reader

# Semi Rugged Laptops



## Panasonic Toughbook CF-54

14" Semi Rugged Windows laptop

### Specifications

- Intel® 7th gen i5 processor, 4GB ~ 16GB /500GB /1Tb /256GB /512GB /1Tb,
- 14.0" 768p HD display (opt. FHD display, Touchscreen, AMD FirePro™ M5100)
- Optional hot-swappable 2nd battery, DVD, SCR, FPR, webcam, battery lives of up to 18 hours
- Windows® 10 Pro or Windows 7 Professional downgrade



## Durabook S15AB

15.6" Semi Rugged Windows laptop unparalleled mobility, ultra-thin and lightweight exterior

### Specifications

- Intel® 8th Gen i5 /i7 Processor, 4GB ~ 16GB /500GB /1Tb /256GB /512GB
- 15.6" FULL HD LCD display
- 13 hrs battery life
- Windows 10 Professional



## Getac S410

14" Semi Rugged Windows laptop, More rugged, slimmer & lighter

### Specifications

- Intel® 8th gen i3 / i5 /i7 processor
- 4GB ~ 32GB /500GB /1Tb /256GB /512GB /1Tb
- 14.0" LCD HD display (opt. 1000 Nits, Touchscreen, NVIDIA® GeForce® GTX 950M 4GB discrete graphic controller)
- Optional hot-swappable 2nd battery, DVD, SCR, FPR, webcam, battery lives of up to 18 hours
- Windows® 10 Pro



## Panasonic CF 55

14" semi-rugged laptop that features an innovative modular design and up to 40 hours of battery life

### Specifications

- Intel® Core™ i5-8365U vPro™ processor (optional i7-8665U)
- 8Gb ~ 16Gb /512 Gb /1Tb
- 14.0" HD 1366 x 768 display
- Windows® 10 Pro 64-bit
- 1080p webcam with privacy cover
- Dual battery 38 hours battery life

## Handheld Devices



## CAT® S60 SMARTPHONE

4.7" Android Rugged handheld bigger, better, bolder, Thermal Imaging

### Specifications

- Drop test to 1.8M, Waterproof upto 5M for 60 minutes
- Qualcomm MSM8952-3, 32GB /32GB
- Super bright 4.7"a-Si AHVA, HD, 1280x720, Corning® Gorilla® Glass 4 touchscreen, Embedded FLIR integrated thermal imaging camera
- Wet-finger compatible
- 13MP Autofocus Camera (Rear) and 5MP (Front)
- Android™ 6.0



## Panasonic Toughpad FZ-N1

4.7" Android 6.0 handheld tablet, Slim and lightweight, Angled rear barcode reader

### Specifications

- Android™ 8.1
- State-of-the-art Qualcomm® SDM660AB processor
- 3GB /32GB / microSD card slot
- 4.7" HD daylight-readable display with glove and rain mode
- 4G LTE voice and data capability
- Integrated 1D/2D angled rear BCR
- 8MP rear and 5MP front camera



## Firehawk FP-400

Ultra-rugged handheld

### Specifications

- 4" 480x800 IPS
- MTK 8Core 8735b
- Android 7.0
- WiFi (2.5G+5G), BT 4.2 , 4G / 3G , GPS
- NFC, 1D/2D Barcode Scanner
- IP65, MIL-STD-810G, CE, Battery: UN38.3, MSDS, IEC62133



## CAT® S41 SMARTPHONE

5" Rugged Android Handheld, Go Beyond Rugged

### Specifications

- Dust-resistant, Water proof upto 2m for 60 minutes
- MTK P20 MT6757 Octacore 2.3GHz processor
- 32GB /32GB,
- 5" FHD (1920 x 1080) IPS display, Corning® Gorilla® Glass 5,
- 13MP Autofocus with PDAF, LED Flash
- Upto 38 hours talktime
- Google Android 7.0

Firehawk motto is to introduce high end and new technology. With the professional experience of information and communication, Firehawk provides customers with high-quality industrial tablets whose technologies include NFC, RFID 125 k / 13.56 M / 915 M / 2.4 G, Zigbee/Z - Wave, BeiDou/GPS, 1D/2D barcode, infrared ray, fingerprint recognition, ID Card recognition, etc. Firehawk offers competitive industrial tablet solutions and services for enterprises from different industries to help them get ahead in the digital society.



### FT - 810

8" Rugged Android Tablet  
Extreme dependability

#### Specifications

- Qualcomm MSM8940, Adreno 505 GPU
- 3GB /4GB 32GB/optional eMMC
- 8" IPS, Sunlight-readable, AG, AR Multi-touch display, supports wet and glove touch
- Integrated 4G LTE,serial port/Ethernet
- High-precision Dedicated GPS
- Android 7
- Vehicle Power
- Desktop Cradle / Vehicle Cradle, Straps



### FP - 600

6" Rugged Windows/Android Handheld  
Extreme dependability

#### Specifications

- MT 8735 A Quad-Core CPU 1.1 GHz (Android)
- Intel cherrytail Z8350 upto 1.92 GHZ (Windows)
- 2GB /16GB /32GB eMMC
- 5.98" IPS, Sunlight-readable, AG, AR Multi-touch display, supports wet and glove touch
- High-precision Dedicated GPS
- 5MP (rear), 2MP (front) camera
- Android 8.1 / Windows 10 IOT
- Optional 4G LTE, serial Port / Ethernet, 1D/2D BCR
- Vehicle Power
- Desktop Cradle / Vehicle Cradle, Straps



### FT - 150

10.1" Rugged Windows Tablet  
Extreme dependability

#### Specifications

- Intel® Core m3-6y30 Processor
- 4GB /32GB / 64GB / 128 GB eMMC
- 10.1"IPS, Sunlight-readable, AG, AR Multi-touch display, supports wet and glove touch
- Integrated 3G, High-precision
- Dedicated GPS
- 8Mp (rear), 2MP (front) camera
- Windows 810 Pro
- Optional 4G LTE, serial Port / Ethernet, 1D/2D BCR
- Vehicle Power
- Desktop Cradle / Vehicle Cradle, Straps



### FT 700R

7" Rugged Android Tablet  
Extreme dependability

#### Specifications

- Cortex A53
- 3GB RAM 32GB ROM
- 7" IPS sunlight readable, AG, AR Multi glove touch display support
- Integrated 2G/3G/4G LTE Support
- Vehicle Mounting,2D barcode reader, Car Charger
- 8MP rear camera & 5MP front camera
- IP 65 rated for dust & water  
Meets MIL STD 810G for shock,vibration,fog, drop,humidity,salt



### FT - 850

8" Rugged Windows Tablet  
Extreme dependability

#### Specifications

- Intel® Atom™ x5-Z8300 Processor (Optional Core m 5Y30)
- 4GB /32GB / 64GB / 128 GB eMMC
- 8" IPS, Sunlight-readable, AG, AR Multi-touch display, supports wet and glove touch
- Integrated 3G
- High-precision Dedicated GPS
- 5MP (rear), 2MP (front) camera
- Windows 10 64-bit
- Optional 4G LTE, serial Port / Ethernet, 1D/2D BCR
- Vehicle Power
- Desktop Cradle / Vehicle Cradle, Straps



### Firehawk FT 1200

12.2" Rugged Windows Tablet  
Extreme dependability

#### Specifications

- Intel Quad core Z8300 Processor
- 4GB / 64GB / 128 GB eMMC
- 12.2" IPS, Sunlight-readable, AG, AR Multi-touch display, supports wet and glove touch
- Integrated 3G
- High-precision Dedicated GPS
- Windows 10 Professional
- Optional 4G LTE, serial Port / Ethernet, 1D/2D BCR
- Vehicle Power
- Desktop Cradle / Vehicle Cradle, Straps

# Rugged Mobile Computing for Hazardous Environment

Hazardous locations (sometimes abbreviated to HazLoc) are defined as places where fire or explosion hazards may exist due to flammable gases, flammable liquid-produced vapours, combustible liquid-produced vapours, combustible dusts, or ignitable fibres/flyings present in the air in quantities sufficient to produce explosive or ignitable mixtures. Electrical equipment that must be installed in such classified locations should be specially designed and tested to ensure it does not initiate an explosion, due to arcing contacts or high surface temperature of equipment.

## PROTECT YOUR WORKERS WITH HAZLOC-COMPLIANT RUGGED NOTEBOOKS & TABLETS

Today's rugged tablets are used in many different industries and workflows around the world, including Hazardous Locations laden with flammable gases and flammable vapours. The HazLoc – ATEX /ANSI certified models offer workers a unique and rugged way to get the job done.



The ATEX Certification is based on the requirements of two European Directives – Directive 99/92/EC (also known as ATEX Workplace Directive) and Directive 94/9/EC (the ATEX Equipment Directive). ATEX directives describe what equipment and work environment is allowed in explosive environments.



### Getac EX80 Sealed for Safety

- Certified for Zone 0 Environments
- ATEX and IECEx Zone 0
- UL913 (Class I / II Division 1)



### Aegex10

- 10.1" AHVA Full HD Plus
- UL913, 5th Edition, CAN/CSA-22.2 Part 157
- Class I, II, III Div 1 Group A-G T4, Tamb -10°C...+50°C, IP65
- Class I, Zone 0 Group IIC T4, Tamb -10°C...+50°C, IP65
- ATEX 60079-0 & -11:
- II 2G Ex ib IIC T4 GB, -10°C ≤ Tamb ≤ +50°C
- II 2D Ex ib IIIC T135°C Db IP6X, -10°C ≤ Tamb



### Getac ZX70

- Operating System ZX70-Ex Android 6.0
- Intel Atom® Processor x5-Z8350 1.44GHz, burst up to 1.92 GHz
- 7" LumiBond® Display with Getac Sunlight Readable Technology & Glove-enabled Capacitive Touchscreen
- 6 Feet Drop, MIL-STD-810G and IP67 Certified
- ATEX & IECEx Explosive Atmosphere Certified
- 2GB LPDDR3 expandable to 4GB Optional eMMC 32GB / 64GB / 128GB



### ANSI/ISA 12.12.01

ANSI/ISA-12.12.03-2011 Standard for Portable Electronic Products Suitable for Use in Class I and II, Division 2, Class I Zone 2 and Class III, Division 1 and 2 Hazardous (Classified) Locations



### GETAC B300

- Powerful Intel 8th gen quad core i5 /i7 processor
- 8GB ~ 64GB /500GB /1TB / 512GB / 1TB
- 13.3" TFT LCD XGA 700 nits display
- Optional 1400 nits display with touchscreen
- Upto 15hrs battery life on single charge (30hrs with dual battery)
- Dual serial ports
- Windows 10 Pro
- Optional salt fog compliance



### PANASONIC FZ-G1

- Windows® 10 Professional
- 10.1", HD daylight-readable,
- 6th Generation Intel® Core vPro processor
- Up to 28 Hours of Use with an Optional Long Life Battery
- Optional integrated Bridge Battery, SmartCard, 2D Barcode, Magstripe, RFID, Serial



### PANASONIC FZ-M1

- 5' Drop and All-weather IP65 Dust
- Windows® 10 Professional
- 7", daylight-readable, multi-touch screen
- Optional NFC, Ethernet, Serial, SmartCard, Magstripe, UHF RFID and Barcode Reader



### PANASONIC CF-20

- Intel® M series Core i5 processor
- 8GB ~ 16GB /128GB /256GB /512GB
- 10.1" WUXGA display (up to 800cd/m²)
- Windows® 10 Pro or Windows 7 Professional downgrade
- 1080p webcam with dual array mic
- Optional contactless SCR / NFC, 8MP rear camera
- 4G LTE
- Up to 17 hours battery life with 2nd battery

**DOCKING STATIONS AND CRADLES** for DELL Getac Samsung Panasonic Zebra



**MOUNTING KITS AND COMPONENTS**



**CUSTOMIZED SOLUTIONS**



# Rugged Power Solution



Fully Rugged Jumpseat  
Multilingual Keyboard  
for FZ-G1 Tablet



FZG1 MicroDock Small Footprint  
Attachable Dock



Compact and Mobile  
Multilingual Keyboard



PDRT 12.1" iKeyVision Flat Panel  
Touch Screen Display with FZ-M1  
Mount



Backlit Multilingual Keyboard  
with Integrated Touchpad



Stainless Steel Intrinsically Safe  
Multilingual Keyboard



Multi-Bay Battery Charger



Shutdown Timer



12-32 VDC Adapter



Mobility bundles



Always-on covers



Arm straps



Hand straps



Extreme Solar Charger



Solar Charger for Rugged laptops  
& tablets

# Customers



Emirates Transport



Dubai Ambulance



Bee'ah



Advanced Military Maintenance, Repair and Overhaul Centre - AMMROC



Emirates Airlines



Dubai Police GHQ



National Water Company – Saudi Arabia



Jordan Public Security Directorate – Amman, Jordan



Smart Inspection Services – Dubai & Fujairah Municipalities

## Brands



## Projects





**ZEN CASA LLC - Enterprise Mobility Solutions**

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