

# TITAN TABLET PC / DISPLAY

Emergency Responders,  
Medical, Transportation,  
Military, Utility Services,  
Energy, Mining, Shipping,  
Inspections....



## TITAN TABLET PC / DISPLAY



The Titan rugged Tablet PC and Tablet Display range serves under the most rugged conditions. Construction sites, Military environments, Mining, Shipping, Transportation, Emergency Services and other "First Responders" are just some of the segments we deliver a full range of performance Tablet PCs and Displays to. Five processor choices, 3 screen sizes and a full range of communication options are just some of the standards for this "build to perform, no matter what condition" models.



# Rugged Tablet

## 8" Titan Tablet PC

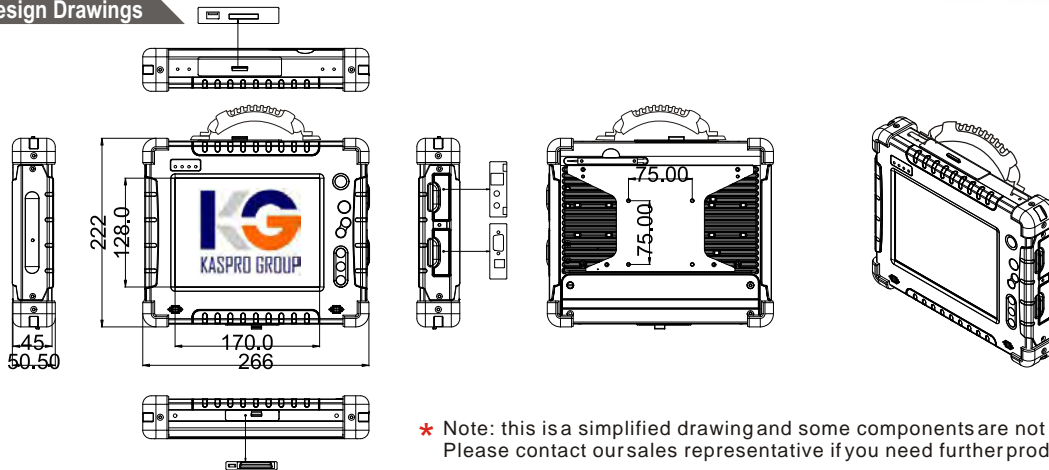
Note: See price list for various CPU options

### Features:

- 8.4" High Quality SVGA Resolution TFT-LCD Panel
- High Performance, Lower Power
- Note: See Price List for various CPU Options
- 1x SODIMM, Max. 2GB DDR2 400/533(Default 512MB)
- 4 Wire Resistive Sunlight Readable Touch Screen enhanced View ability (for Optional)
- Rugged Alu-Mg Alloy Housing Design with Protection Rubber for MIL-810F Shock, Vibration and Drop Std.
- Versatile Mobile Communication Functions including WWAN (GPRS/GSM/CDMA/ UMTS/ EDGE) and GPS Module can external by PCI Express Card (for Optional)
- Wireless 802.11b/g and Bluetooth Module (for Optional)
- Ergonomic Portable Design with Handstrip and Carry Belt Accessories (for Optional)
- 6cell, 4800 mAh Lithium-Ion Battery Pack (3 Hrs Operating)
- Compact Design Suiting for Outdoor Use



### Mechanical Design Drawings



### System Specification

■ Processor	: See Price List for CPU options
■ BIOS	: AMI System BIOS
■ System Chipset	: Intel 945 GSE Chipset + ICH7M
■ System Memory	: 1 x SODIMM, Max 2GB DDR2 400/533 (Default 512MB)
■ LAN Controller	: Realtek RTL8111B GigaLAN Controller, Single Gigabit LAN
■ Storage	: SATA interface for 2.5" 80GB HDD (Default), Industrial Compact Flash Card, 2.5" Automobile HDD or 2.5" Solid State Disk (SSD)
■ Audio	: Audio out for headset, Micro-in for microphone jack, 1.5W Speaker (Internal)
■ Expansion Slot	: PCI Express Card

### Wireless Communication

■ WLAN	: 802.11b/g (internal Mini-card module)
■ Bluetooth	: Bluetooth (internal by usb module)
■ WWAN	: GSM/GPRS (PCI Express Card) CDMA (PCI Express Card) UMTS (PCI Express Card) EDGE (PCI Express Card)
■ GPS	: GPS Solution (PCI Express Card)

### Mechanical and Environment

■ Dimensions (W x L x H)	: 259 x 215 x 45 mm
■ Weight	: 2Kg (w/o accessories)
■ Operation Temperature	: -20 deg.C to 60 deg.C
■ Operation Humidity	: 10% to 90% (non condensing)
■ IP Proof	: IP54
■ Mounting	: VESA mount, Vehicle mount
■ Shock*	: MIL-STD-810F M516.5
■ Vibration*	: MIL-STD-810F M514.5
■ Drop*	: MIL-STD-810F M516.5, 4 ft, Free to concrete
■ Certifications	: CE, FCC Class B, UL

### Display Specification

■ Pixel Number	: 800x600
■ Brightness	: 250cd/m <sup>2</sup> (typ.)
■ Touch (Default)	: 4 Wire Resistive

### I/O Connectors

■ Left I/O Port	: N/A
■ Right I/O Port	: 2 x USB 2.0 1 x Audio out, Micro-in Jack 1 x Power Input Jack 1 x COM
■ Upper I/O Port	: 1x PCI Express Slot for Expansion, 1x USB Slot for Expansion
■ Downside Docking	: Docking Connector to expansion for 1 x LAN, 1 x VGA, 4 x USB and Docking Stand Power input

### In front Control

■ Control Button	: 1x Menu Key control Brightness, Volume and Battery Status
■ LED indicator	: Power On/ Off / Battery / HDD Access / Wifi On / Off

### Power Management

■ Power input	: 19V DC
■ Power consumption	: 44W typ.
■ Battery	: Li-Ion battery 4800mAh, 11.1V
■ Battery Operating Time	: 3Hours
■ Charging time	: 2.5 Hours
■ Adapter	: 100-240V, 50-60Hz, 19VDC

\* When use SSD or Industrial Compact Flash



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# Rugged Tablet

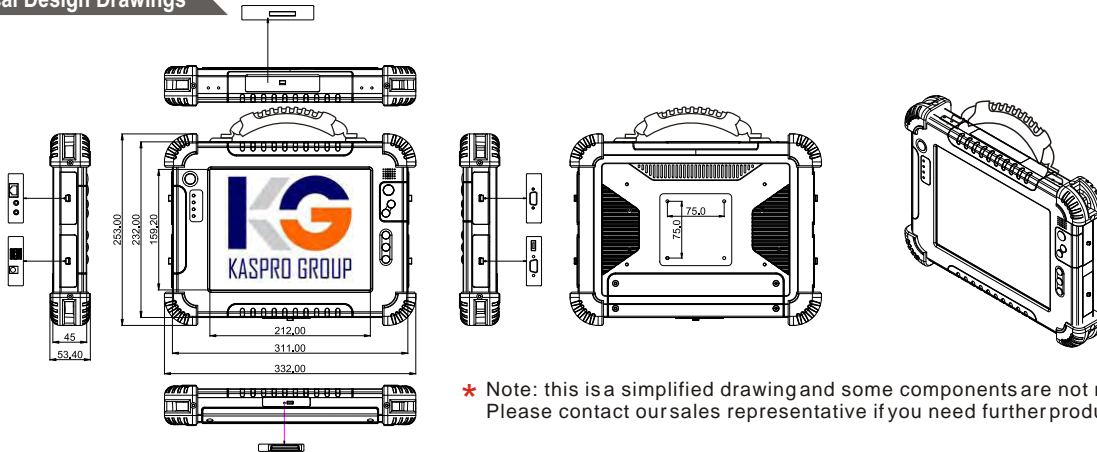
## 10.4" Titan Tablet PC

### Features:

- 10.4" High Quality SVGA Resolution TFT-LCD Panel
- High Performance, Lower Power
- **Note: See price list for various CPU options**
- 1x SODIMM, Max. 2GB DDR2 433/500(Default 512MB)
- 4 Wire Resistive Sunlight Readable Touch Screen enhanced View ability (for Optional)
- Rugged Alu-Mg Alloy Housing Design with Protection Rubber for MIL-810F Shock, Vibration and Drop Std.
- Versatile Mobile Communication Functions including WWAN (GPRS/GSM/CDMA/UMTS/EDGE) and GPS Module can external by PCI Express Card (for Optional)
- Wireless 802.11b/g and Bluetooth Module (for Optional)
- Ergonomic Portable Design with Handstrip and Carry Belt Accessories (for Optional)
- 6cell, 4800 mAh Lithium-Ion Battery Pack (3.5HRs Operating)
- Compact Design Suiting for Outdoor Use



### Mechanical Design Drawings



\* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

### System Specification

- Processor : See price list for various CPU options
- BIOS : AMI System BIOS
- System Chipset : Intel 945 GSE Chipset + ICH7
- System Memory : 1 x SODIMM, Max 2GB DDR2 400/533 (Default 512MB)
- LAN Controller : Realtek RTL811B GigaLAN Controller Single Gigabit LAN
- Storage : SATA interface for 25" 80GB HDD(Default), Industrial Compact Flash Card, 2.5" Automobile HDD or 2.5" Solid State Disk(SSD)
- Audio : Audio out for headset, Micro in for microphone jack, 1.5W Speaker (Internal)
- Expansion Slot : PCI Express Card

### Wireless Communication

- WLAN : 802.11b/g (internal Mini-card module)
- Bluetooth : Bluetooth (internal by usb module)
- WWAN : GSM/GPRS (PCI Express Card) CDMA (PCI Express Card) UMTS (PCI Express Card) EDGE (PCI Express Card)
- GPS : GPS Solution (PCI Express Card)

### Mechanical and Environment

- Dimensions (W x L x H) : 311 x 232 x 45 mm
- Weight : 2.2Kg (w/o accessories)
- Operation Temperature : -20 deg.C to 60 deg.C
- Operation Humidity : 10% to 90% (non condensing)
- IP Proof : IP54
- Mounting : VESA mount, Vehicle mount
- Shock\* : MIL-STD-810F M516.5
- Vibration\* : MIL-STD-810F M514.5
- Drop\* : MIL-STD-810F M516.5, 4 ft, Free to concrete
- Certifications : CE, FCC Class B, UL

### Display Specification

- Pixel Number : 800x600
- Brightness : 230cd/m<sup>2</sup> (typ.)
- Touch (Default) : 4 Wire Resistive

### I/O Connectors

- Left I/O Port : 1x RJ-45 10/100/1000 Mps LAN  
2x USB 2.0  
1x Audio out, Micro-in Jack  
1x Power Input Jack
- Right I/O Port : 1x COM, 1x VGA, 1x USB 2.0
- Upper I/O Port : 1x PCI Express Slot for Expansion  
1x USB Slot for Expansion
- Downside Docking : 1x Docking connector for expansion 4x USB, and Docking Stand Power input

### In front Control

- Control Button : 1x Menu Key control Brightness Volume and Battery Status
- LED indicator : Power On/ Off / Battery / HDD Access / Wifi On / Off

### Power Management

- Power input : 19V DC
- Power consumption : 44W typ.
- Battery : Li-Ion battery 4800mAh, 11.1V
- Battery Operating Time : 3Hours
- Charging time : 2.5 Hours
- Adapter : 100-240V, 50-60Hz, 19V DC

\* When use SSD or Industrial Compact Flash



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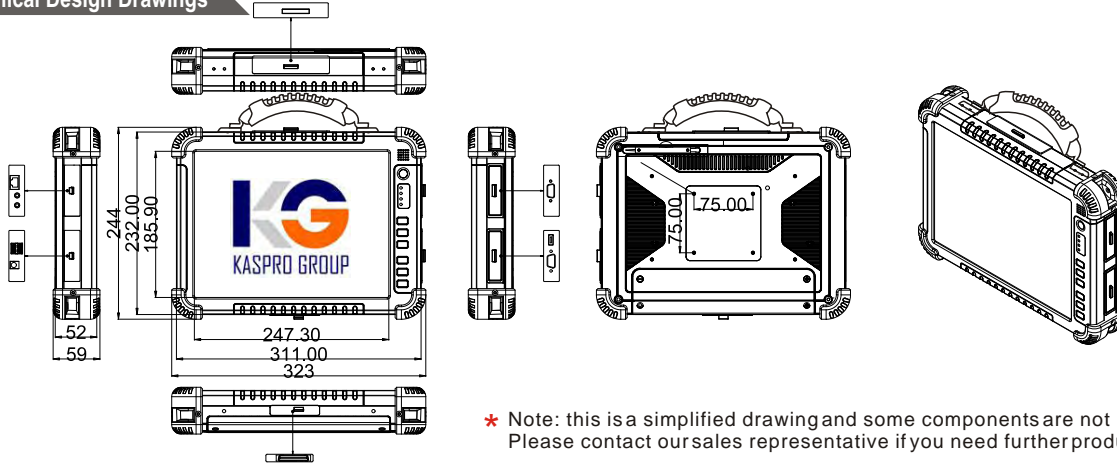
## 12.1" Titan Tablet PC

### Features:

- 12.1" High Quality XGA Resolution TFT-LCD Panel
- High Performance, Lower Power
- **Note: See price list for various CPU options**
- 1x SODIMM, Max. 2GB DDR2 433/500(Default 512MB)
- 4 Wire Resistive Sunlight Readable Touch Screen enhanced View ability (for Optional)
- Rugged Alu-Mg Alloy Housing Design with Protection Rubber for MIL-810F Shock, Vibration and Drop Std.
- Versatile Mobile Communication Functions including WWAN (GPRS/GSM/CDMA/UMTS/EDGE) and GPS Module can external PCI Express Card (for Optional)
- Wireless 802.11b/g and Bluetooth Module (for Optional)
- Ergonomic Portable Design with Handstrip and Carry Belt Accessories (for Optional)
- 6cell, 4800 mAh Lithium-Ion Battery Pack (3 HRs Operating)
- Compact Design Suiting for Outdoor Use



### Mechanical Design Drawings



\* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

### System Specification

- Processor : See price list for various CPU options
- BIOS : AMI System BIOS
- System Chipset : Intel 945 GSE Chipset + ICH7
- System Memory : 1 x SODIMM, Max 2GB DDR2 400/533 (Default 512MB)
- LAN Controller : Realtek RTL811B GigaLAN Controller Single Gigabit LAN
- Storage : SATA interface for 2.5" 80GB HDD(Default), Industrial Compact Flash Card, 2.5" Automobile HDD or 2.5" Solid State Disk(SSD)
- Audio : Audio out for headset, Micro in for microphone jack, 1.5W Speaker(Internal)
- Expansion Slot : PCI Express Card

### Wireless Communication

- WLAN : 802.11b/g (internal Mini-card module)
- Bluetooth : Bluetooth (internal by usb module)
- WWAN : GSM/GPRS (PCI Express Card)  
CDMA(PCI Express Card)  
UMTS(PCI Express Card)  
EDGE(PCI Express Card)
- GPS : GPS Solution (PCI Express Card)

### Mechanical and Environment

- Dimensions (W x L x H) : 311 x 232 x 45 mm
- Weight : 2.5Kg(w/o accessories)
- Operation Temperature : -20 deg.C to 60 deg.C
- Operation Humidity : 10% to 90% (non condensing)
- IP Proof : IP54
- Mounting : VESA mount, Vehicle mount
- Shock\* : MIL-STD-810F M516.5
- Vibration\* : MIL-STD-810F M514.5
- Drop\* : MIL-STD-810F M516.5, 4 ft, Free to concrete
- Certifications : CE, FCC ClassB, UL

### Display Specification

- Pixel Number : 1024x768
- Brightness : 200cd/m<sup>2</sup> (typ.)
- Touch (Default) : 4 Wire Resistive

### I/O Connectors

- Left I/O Port : 1x RJ-45 10/100/1000 Mps LAN  
2x USB 2.0  
1x Audio out, Micro-in Jack  
1x Power Input Jack
- Right I/O Port : 1x COM, 1x VGA, 1x USB 2.0
- Upper I/O Port : 1x PCI Express Slot for Expansion,  
1x USB Slot for Expansion
- Downside Docking : 1x Docking connector for expansion 4x USB,  
and Docking Stand Power input

### In front Control

- Control Button : 1x Menu Key control Brightness,  
Volume and Battery Status
- LED indicator : Power On/ Off / Battery / HDD Access / Wifi On / Off

### Power Management

- Power input : 19V DC
- Power consumption : 45W typ.
- Battery : Li-Ion battery 4800mAh, 11.1V
- Battery Operating Time : 3Hours
- Charging time : 2.5 Hours
- Adapter : 100-240V, 50-60Hz, 19V DC

\* When use SSD or Industrial Compact Flash



Note: All Specifications are subject to change without prior notice!

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