



ALGIZ 10X

User's Manual V1.0



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Accessory

Item	Description Note	
Default Packing Acc	cessories	
	1 piece of 2 Cell Li-Ion Battery Pack	
	1 piece of 12V Adapter w/ Standard Power Cord. Euro / U.S. Std type, 1.8M	
line man	1 piece of Windows 7 Recovery User's Guide.	With Windows 7 Ultimate embedded preinstalled
and and a second	1 piece of Rugged Tablet PC Users Manual.	

Item	Description	Note
Optional Accessorie	25	
	1 piece of 4 Cell Li-Ion Battery Pack	

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If there is a time gap of over 30 days between the date marked on the serial number and the shipping date, the one-year warranty time will then activate from the shipping date. The third and fourth digits of the serial numbers stand for the manufacturing year and the fifth digit stands for the manufacturing month (e.g., with A for October, B for November and C for December). For example, the serial number 1W10Axxxxxxx means October of year 2010.





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We provide service guide for any problem as follow steps :

- 1. Visit Handheld website <u>www.handheldgroup.com</u> to get the updated product information.
- 2. Contact with your distributor, sales representative, or our customer service center for technical support if you need further assistance. You may have the following information ready before you make the phone call :
- Product serial number
- Peripheral attachments
- Software (OS, version, application software, etc.)
- Detailed description of problems
- > The exact wording or print screen images of any error messages

In addition, free technical support is available at Winmate in every business day. We are always ready to provide guidance in terms of application requirements or specific information in terms of installation and operation of all our products. Please feel free to call or e-mail us.

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ALGIZ 10X User's Manual



Safety Precautions

Warning!



Always completely disconnect the power cord from the device before you uncover the device and work on the hardware. Do not connect the electronic device with power socket while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel are suggested to open mechanical

housing.





Always ground yourself to remove any static charge before touching the CPU card. The electronic devices are very sensitive to static electricity. For safety concerns, please use a grounding wrist strap all the time. Place all electronic components in a static-dissipative surface or static-shielded bag when they are outside of the chassis.

UL Safety Announcement



UL Classification: Class I mark: with respect to electronic shock; Fire and hazardous material only in accordance with the regulation of UL-60950 and CAN/CSA C22.2 No. 601.1.

• Power Supply Announcement

The Handheld Rugged Tablet PC Power is supplied by Power Adapter and Battery Pack, the power rating announcement and manufacturer information are listed as below.





• Power Notice!



Please notice that the power code of adapter needs to be connected to the ground (earth).



Please push the power button for at least 4 seconds to enter sleep mode (See Chapter 2.1 Starting and Stopping the Tablet PC).

Power Adapter	Manufacture: EDAC Power Electronics Co Ltd	
	Model: EA11001C-120	
	Input Rated: 100-240Vac, 1.8A, 50-60Hz.	
	Output Rated: DC 12V, 6.66A.	
Battery Pack	Manufacture: T-Gee Electronic Co., Ltd	
	Model: ALG10X-08A	
	Rated: 5300mAh DC 7.4V	

WARNING

Do not fix or replace battery, it may cause explosion! Only use with specified battery by following the manufacturer's user manual's instruction.

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FEDERAL COMMUNICATIONS COMMISSION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF exposure warning

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



RF exposure information (SAR)

This Rugged Tablet PC meets the government's requirements for exposure to radio waves. This Rugged Tablet PC is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The exposure standard for wireless Rugged Tablet PC employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the Rugged Tablet PC transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the Rugged Tablet PC while operating can be well below the maximum value. This is because the Rugged Tablet PC is designed to operate at multiple power levels so as to use only the poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. The highest SAR value for US model Rugged Tablet PC as reported to the FCC when tested for use at the body, as described in this user guide, is 1.115 W/kg.



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Chapter 1 Specification



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ALGIZ 10X is a rugged Tablet PC designed for the use in various challenging environments, e.g., field work, outdoor activities and construction site. With its rugged design, ALGIZ 10X is able to sustain shock, vibration, high humidity as well as high/ low temperatures.

1. System Specification

System	
Processor	Intel® Atom TM Processor N2800
BIOS	AMI System BIOS
Chipset	Intel® NM10 Express Chipset
Memory	1 x SODIMM, DDR3 1600 4GB
LAN Controller	Broadcom BCM57780 Gigabit-LAN
Storage	SATA interface support Mini-PCIe interface SSD 128GB
Audio	Audio-out for headset, Audio-in to send in audio signal,
	Microphone-in for microphone jack, 1.5W Speaker (Internal)

Display Specification		
Size	10.1" (16:9)	
Resolution	1366 x 768	
Brightness	600 cd/m2 (typ.)	
Touch	4W Resistive Touch	

I/O Connectors		
Left I/O Port	1x DC Power Jack,1xVGA,1XUSB,1XRS232	
Right I/O Port	1x LAN, 1x USB , 1xCombo ,Audio Jack , 1x SIM Card Slot ,	
	1xMirco SD Card Slot	
Bottom I/O Port	1x Pogo-pin for Docking, 1x Service Window	

Buttons and Indicators		
Control Button	1x Power On/Off, 1x Menu, 1x Up, 1x Down, 1x Left, 1x Right	
	3x Programmable Hotkeys	
LED indicators	1x Power Status, 1x HDD Status, 1x RF Device Status , 1x	
	Battery Status,1x GPS Status	





Chapter 2 Identifying Hardware Components



1. TOP Side

1. 1	ur 2106	(2) (3)
Ref.		Description
1	LED Display	The Tablet PC uses a high brightness LED
		TFT LCD. Use a soft cloth without
		chemical liquids to clean the display
		panel.
2	Front Microphone	Receives sound and voice to record
		voice.
3	Light Sensor	Senses the ambient light for automatic
		adjustments of the display backlight. The
		features can be enabled through OSD
		Control Keypad.
4	OSD Control Keypad	The OSD Control Keypad provides
		hotkeys with all the functions including
		1x Power On/Ott, 1x Menu, 1x Up, 1x
		Down, 1x Left, 1x Right,3x Programmable
		Hotkeys.





2. Left and Right Side



④ —

Ref.	Item	Description
1	DC Power Jack	Plug in DC plug to input the power to the device
2	VGA	For connection with external displays devices such as
		monitors and projectors
3	USB 2.0 Port x 1	Can be connected with any USB-interface peripherals
4	RS232	Accepts external connection that is with interface of
		RS232 (D-sub 9 pins)
5	Ethernet(RJ45) Port	Connect to a Ethernet 10/100/1000 based network
6	USB 2.0 Port x 1	Can be connected with any USB-interface peripherals
7	Combo Audio Jack	Connects a set of headphones or external speakers.
8	SIM Card Slot	Accepts a SIM Card use the WWAN feature to connect
		to the Internet.
9	Micro SD Card Slot	Accepts a Micro SD Card for additional feature.



3. Bottom side



Ref.	Item	Description
1	Docking Connector	Connects to the Docking Station .
2	Service Window	Unscrew to install and uninstall 3G/ module and SIM
		card





Chapter 3 Buttons and Indicators

1. Function Keys

	Components	Function Description	See Other Intro.
1	Power On Button	PUSH 4 seconds to turn on the tablet	
		рс	
	LED Indicator	Chause the Device Status LIDD Status	
Ζ	LED Indicator	Shows the Power Status, HDD Status,	
		RF Device Status, Battery Status, and	
		GPS Status	
3	Menu	Push Menu function to show	
		Brightness(Include Auto Light Sensor),	
		Volume,Battery status and	
		Wireless/Bluetooth/3G/GPS/Camera	
		Enable/Disable &Internal/External	
		3G&GPS Antenna switch.	
4	F1 – F3 Hotkey	6 programmable Hot-key for user to	
		define by application, default first	
		short push key (F1 short) will turn-on	
		Outlook Express	
5	Up/Down/ Left/	Cotrol the up, down, left, right and	
	Right/OK Button	Enter function.	

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2. LED Indicators

Function	Icon	Description
Power Status	d	Green light – Power on
	0	Orange light – Sleep mode
HDD Status	٥	Green light – System is accessing the hard disk drive
RF Status	⁽⁽ گ ⁾⁾	Green light – When RF radio is on.
Battery Status		Red light – Low Battery
	\square	Green light – Full Battery
		Yellow light – Charging
GPS Status	10	Indicates if the GPS is workable.





Chapter 4 Getting Your Device Ready





Make sure that your device is either connected to AC power or a battery that still has power.

1. Press the power button to turn on your ALGIZ 10X.

1. Plug in the AC Power

The Tablet PC power is comprised of two parts, the power adapter and the battery. The power adapter converts AC power from a wall outlet to the DC power required by the Tablet PC. Your Tablet PC comes with a universal AC-DC adapter. That means that you may connect the power cord to any 100V-120V as well as 220V-240V outlets without setting switches or using power converters. Different countries may require that an adapter be used to connect the provided US-standard AC power cord to a different standard.



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2. Using Battery Power

The Tablet PC is designed to work with a removable battery pack. The battery pack consists of a set of battery cells housed together. A fully charged pack will provide several hours of battery life.

To install the battery pack:

1. Your Tablet PC may or may not have its battery pack installed. If your Tablet PC does not have its battery pack installed, use the following procedures to install the battery pack. Push the latches aside to install / remove the battery .





2. To remove the battery pack



Caution

Before you use your ALGIZ 10X, you will have to charge the battery packs as soon as ALGIZ 10X is connected with the external power source. Please fully charge the battery in advance of operating ALGIZ 10X. The new battery packs must be 100% charged before ALGIZ 10X is disconnected from the external power source. It takes few hours to fully charge the battery when ALGIZ 10X is turned off.

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3. Installing 3G Module.

- 1. Plug in the 3G module to mini PCIe slot and screw the module onto the motherboard
- 2. Please insert the SIM card before start to use the WWAN Internet Connection.



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4. How to use the Wireless Network

We apply IEEE 802.11 b/g/n WiFi + Bluetooth 4.0 HS Standard (Class I) Half mini card for

default function of the ALGIZ 10X.

The WLAN features include:

- Support Peer-to-Peer (Ad-Hoc) and Access Point (Infrastructure) modes.
- Enhanced wireless security:64/128-bits WEP, WPA, WPA2.
- Wireless connection up to 150Mbps
- 1. Press the Menu button on your Tablet PC to open the Hottab menu. Click the "Wi-Fi" to switch the wireless radio on/off.





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2. Click the Wireless Network icon on the taskbar. (An orange light in the icon indicates connections are available.)



3. You can also do some detail setting from the device manager.

In Addie 100 100	A Concurr Management			
Compare Network (Compare Compare	Re Adde the Hop			
	Computer Management (See Computer Managemen	1 2011 I Ministra (JAC'so Proprieta Jenne Version Const Deale Francisco Processoria Program processoria en activita internativa a const Processoria en activita en activita en activita en activita internativa Processoria (Jacobie) Processoria (Ja	Artum Deres Hangar Hang Actum •	

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5. How to use the Bluetooth

Depending on your application, the Bluetooth module can give you capability for short-range wireless communications between devices without requiring a cable connection. The transmission can go through walls, pockets and briefcases as long as two devices are within range around 10 meters. Following the easy step to connect to the Bluetooth communication.

1. Press the Menu button on your Tablet PC to open the Hottab menu. Click the "Bluetooth" to switch the BT radio on/off.



2. After installing the driver utility, the Bluetooth shortcut will shown on screen, double click the shortcut and it will search any bluetooth device automatically. Or double click "Search Devices" to search again.

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3. Choose the bluetooth device you want to connect, and left click to choose "Connect". Then the device will be connected to the module.

-		
*		
Please press	'OK' to confirm that you see the same passke	v on
both devices	to create a paired relationship	, on
	C.	1
Passkey:	677269	
Passkey: Device In	677269 formation	
Passkey: Device In	677269 Formation Name: Xperia ray	
Passkey: Device In	677269 Formation Name: Xperia ray Address: 84:00:D2:34:28:76	







4. When under connecting, you can choose "Send" to send a data to the pair device. connection.





6. How to use the 3G Feature

※Please insert SIM card before power on.

The ALGIZ 10X can apply a built-in Mini PCIe 3G module to perform the 3G function. Depending on your application, the 3G module can datacard and host PC software combination deliver multiband HSPA/UMTS, EDGE/GPRS, WCDMA/GSM connectivity in a single hardware configuration.

1. Press the Menu button on your Tablet PC to open the Hottab menu. Click the "3G" to switch the 3G radio on/off.



2. On Windows desktop, double-click the AirCard Watcher shortcut. The screen as below appears. (If the 3G device is not exist, the AirCard Watcher will not pop

up automatically.)



THURSDAY

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7. How to use the GPS Feature

We apply an on board GPS module for default function of the ALGIZ 10X.

1. Press the Menu button on your Tablet PC to open the Hottab menu. Click the "GPS" to switch the GPS radio on/off.



2. Click the u-center icon to start the GPS function settings.







3. Setting the Receiver Port to COM3



4. Setting the Receiver Baudrate to 9600







5. GPS Module will start Cold Start. When the positioning is complete, the Fix Mode will appear as DR



6. You can choose coldstart, warmstart or Hotstart from Receiver Action



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8. How to use the Camera Feature

The ALGIZ 10X applies a internal 5M Pixels Camera with microphone module for default function .

1. Press the Menu button on your Tablet PC to open the Hottab menu. Click the "Camera" to switch the Camera power on/off.



2. Start the Camera program. You will be in Camera mode.





- 3. Setting the image pre-view resolution.

4. When you set the pre-view resolution to 640*480,the final picture resolution is also 640*480..

Picture Save	C:\Webcam		
Video Save Folder	C:\Webcam		
Show Preview		Picture Resolution	
		Party and a second seco	1000

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9. How to use the external antenna.

 Press the Menu button on your Tablet PC to open the Hottab menu. Click the "3G Antenna(Auto)" and "GPS Antenna(Auto) to switch the internal and external 3G/GPS Antenna.





2. If you choose these two items and plug the tablet pc to the Vehicle Docking. It will automatically switch to use the external antenna on the Vehicle Docking.
THEFT

10. How to adjust the LCD brightness

- 1. Press the Menu button on your Tablet PC to open the Hottab menu.
- 2. Allows you to use the left and right arrow keys to adjust the LCD brightness.



3. The "Auto Brightness" choice box allows you configure how the light sensor works.

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11. How to adjust the speaker volume.

- 1. Press the Menu button twice on your Tablet PC to open the Hottab menu.
- 2. Allows you to use the left and right arrow keys to adjust the speaker volume.



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12. Show the battery information..



1. Press the Menu button third times on your Tablet PC to open the Hottab menu.



13. Show the system information..

1.





Chapter 5 Installing the Device Driver

Through Chapter 5 to go further for ALGIZ 10X driver installation guide, you can easily install all related drivers if without operation system by yourself. The default system will include operation system and you do need to install any of



drivers at first time use.

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1. Chipset Driver Installation

1. Open the file document "Chipset" from C:\drivers folder.

legenite + 🕞 Open	Include in library + Share with + 1	Vew folder		III • III	
Favorites	Name	Date modified	Туре	Size	
M Desitop	📕 3G	1/23/2012.6.26 PM	File folder		
a Downloads	🗼 Audio	8/23/2012-6:27 PM	File folder		
Secent Places	🗼 Bluetooth	8/23/2012 ±26 PM	File Tolder		
	Lipset.	8/23/2012 6/26 PM	Tile tolder		
Jubraries	🍌 GPS	8/23/2012-0-26-PM	File folder		1
Documents	🍰 Graphic	8/23/2012 & 26 PM	File faider		
🚽 Music	🕌 Hot TAB	8/23/2012 6:26 PM	File tolder		
Pictures	🗼 LAN	8/23/2012 6/26 PM	File Talider		
Videos	🗼 Touch	8/23/2012 E-27 PM	File folder		
	JUSB to COM	8/23/2012.6/26 PM	File folder		
Computer	🕌 Wrieless	8/23/2012 6:26 PM	File foider		
L System (Ci)	DB0 Tablet PC User Guide V1.0.pdf	8/3/2012 11:36 AM	PDF File	9,966 KB	Ē,
Network	D83 Rugged Tablet PC. User Manual ver-	5/24/2012 9:54 AM	DOC File	13,865 KB	

2. Click on "infinst_ auto" to install driver.

ingenitte * 🔟 Open	New folder			111 .	. E	٠
Favorites	Name.	Date modified	Туре	Size		
🚾 Desktop	🛋 infinst_autol	8/10/2011 2:01 PM	Application	2	875 KB	
Eccent Places						
Libraries						
Documents						
Pictures						
Videos						
Computer						
🚢 System (Ci)						
Network						
2						

3. Click on "Next" to install driver.



4. Click on "Yes " to agree License

ntel® Chipset Device Software			
Intel® Chipset Device S License Agreement	oftware		(intel)
You must accept all of the terms of the licer program. Do you accept the terms? INTEL SOFTWARE LICENSE AGREEMENT (IMPORTANT - READ BEFORE COPVING, IM Do not use or load this software and any o unkil you have carefully read the following Software, you agree to the terms of this A instal or use the Software.	ise agreement in order OEM / IHW / ISV Distrib ISTALLING OR USING. Issociated materials (cr terms and conditions. Igreement. If you do n	to continue the ution & Single U slectively, the ⁴ By loading or us ot wish to so ap	e setup ser)
Please Also Note: * If you are an Original Equipment Manufa (IHV), or Independent Software Vendor (I	cturer (OEM), Indepen SV), this complete LICE	ident Hardware INSE AGREEMER	Vendor VT applies;
		0.232	1000





5. Click on "Next" to install driver.







6. Click on "Yes, I want to restart this computer now" to go on.



2. Graphic Driver Installation

The system is equipped with Intel NM10 Chipset. The Intel Graphic Drivers should be installed first, and it will enable "Video Controller (VGA compatible). Follow the instructions below to complete the installation. You will quickly complete the installation.

1. Open the file document "Graphic "from C:\drivers folder.

Favorites Favorites Desitop Decomloadt Audio Recent Places Ubraries Documents Music Music Hot TAB	2	8/23/2012 6:26 PM 8/23/2012 6:27 PM 8/23/2012 6:27 PM 8/23/2012 6:26 PM 8/23/2012 6:26 PM	File folder File folder File folder File folder	
Desistop 3G Downloads Auslo Recent Places Blueboet Libraries GPS Documents Graphie Music Hot TAB	b	8/23/2012 6:26 PM 8/23/2012 6:27 PM 8/23/2012 6:26 PM 8/23/2012 6:26 PM	File folder File folder File folder File folder	
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and the second se		8/23/2012 6:26 PM	File tolder	
Pictures LAN		8/23/2012 6:26 PM	File falder	
🗧 Videos 🛛 🍶 Touch		8/23/2012 E-27 PM	File folder	
USB to C	OR4	8/23/2812.6/26 PM	File folder:	
🗣 Computer 🛛 🕌 Wrieless		8/23/2012 6:26 PM	File foider	
Loso Tabl	et PC User Guide V1.0.pdf	8/3/2012 11:36 AN1	PDF File	9.966 KB
Network	ged Tablet PC User Manual ver	5/24/2012 9:54 AM	DOC File	13.065 KB

2. Click on "Setup.exe" to execute the setup.

Change and and a state	A CONTRACTOR OF A				dente ()	1
Favorites	Name	Date modified	Type	Size		
M Desitop	Graphics	1/23/2012 6:26 PM	File folder			
a Downloads	🗼 ibeHDME	8/23/2012 6:26 PM	File folder			
Secent Places	🍶 Intel Control Center	8/23/2012-6-26 PM	File folder			
	🕌 Lang	8/23/2012 6:36 PM	File folder			
😹 Libraries	autorun	12/30/2006 3:31 PM	Setup Information		1 KB	
Documents	DIFxAPLat	11/2/2006 7:21 AM	Application extens		31,2 K/8	
A Music	Installation_Readme	1/4/2012 12:13 PM	Test Document		39 (0)	
Pictures	a mup	1/4/2013 8:16 PM	XML Document		7 108	
Videos	readme	1/4/2012 12:15 PM	Test Document		5.KB	
	M Setup	12/30/2011 3:20 AM	Application		300 63	
Computer	Setup.#2	6/22/2010 1-21-PM	P2File		19 KB	
🚢 System (C)	Setup2.if2	11/10/2009-2-15 PM	112月8		3 KB	
Network						





3. Click on "Next "to install Driver.



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nent in order	to continue 1	the setup
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Intel® Graphics Me	dia Accelerator Driver		
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		Intel®	Next >

4. Click on "Yes, I want to restart this computer now" to go on.



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3. Audio Driver Installation

The system is equipped with the Realtek ALC886 HD Audio Codec designed for PC multimedia systems, including host/soft audio and AMR/CNR-based designs.

 Open the file document "Audio" and click on "Vista_Win7_R260.exe" from C:\drivers folder to execute the setup.

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2. Click on "Next" to install driver.

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Realtek Hig	gh Definition Audio Driver - InstallShield Wizard
?	Welcome to the InstallShield Wizard The InstallShield Wizard will install Realtek High Definition Audio Driver on your computer . Do you want to continue the installation of new driver ?
	Yes No





3. Click on "Yes, to continue the installation and then click on" Yes, I want to restart my computer now" to finish installation.

Realtek Hig	h Definition Audio Driver - InstallShield Wizard
?	Driver installation is a two-step process: 1.) Uninstall current Realtek audio driver. (a.)Click Next to remove the original Realtek HD Audio Driver in your system (b.)Reboot the system. 2.) Install Realtek audio driver on the system. (a.)After reboot, setup program will install audio driver automatically (b.)Reboot the system. Do you want to continue the installation of new driver ?
	<u>Y</u> es <u>N</u> o





4. LAN Driver Installation

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Follow the steps below to complete the installation of the LAN drivers. You will quickly complete the installation.

1. In the Device Manager menu, select LAN device, and right click select update driver





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2. Open the file document "LAN".



3. Select the correct file in the document and click on open to execute the setup.





5. HotTab Utility Installation

With our HotTab software application utility, user can very easy to control and program their usual hotkey for help their job.

1. Open the file document "Hot TAB" from C:\drivers folder. Press the Setup.exe to execute the installation program.

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2. Click on "Setup.exe" to start to the installation.

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📳 Recent Places	🖧 dotNetFx40_Full_x86_x64	10/4/2010 5:51 PM	Application	49,268 KB	
	🗑 HottabCfg	7/31/2012 11:53 AM	Configuration sett	2 KB	
🥃 Libraries	MOBILE_搭配A300.11	6/4/2012 2:45 PM	11 File	0 KB	
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👌 Music	🔂 Setup	7/30/2012 1:53 PM	Windows Installer	8,380 KB	
Pictures					
🛃 Videos					



3. Click "Close" to finish the installation.



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6. HotTab Driver Installation

Following the step by step to finish the driver installation

1. Open the file document Win IO Driver" from C:\drivers folder. Press the Install.bat to execute the installation program.

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2. Press any key to complete the driver installation.



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Following the step by step to finish the driver installation

1. Open the file document "Wireless" from C:\drivers folder to execute the installation program.

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2. Click "Next" to start the driver installation.



3. Choice Setup Language.

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4. Follow the step by step and click "Next" to finish the driver installation.







5. Click "Finish" to complete the installation.



8. Bluetooth Driver Installation.

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Following the step by step to finish the driver installation

1. Open the file document "Bluetooth" from C:\drivers folder. Press "Setup" to execute the installation program.







2. Click "Next" to go to installation



3. Follow the step by step and click "Next" to start the driver installation.

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9. 3G Module Driver Installations

Following the step by step to finish the driver installation

 Open the file document "3G" from C:\drivers folder. Press "SWIQMISetup.exe" to execute the installation program.

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- 2. Press "Finish" to complete the installation

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10. AirCard Watcher Installations

Following the step by step to finish the Aircard Watcher installation

1. Open the file document "Watcher_GobiAnywhere" from C:\drivers folder. Press "Watcher_Generic.msi" to execute the installation program.



2. Select the "Next" to next step.





3. Press "Next' to install the driver.



4. Click "Finish" to complete the installation.





11. GPS Driver Installations

Following the step by step to finish the driver installation

1. Open the file document "GPS". Press

"ublox_A4_U5_USB_drv3264win7_install_UI.exe" to execute the installation program.



2. Select the "English" and click the "ok" to next step.





3. Press "Next' to install the driver.



4. Press "I Agree" to install the driver.



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5. Click "Finish" to complete the installation.



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12. U-Center Installations

Following the step by step to finish the U-Center installation

- 1. Open the file document "/GPS/u-center 7.00". Press
- "u-center.msi" to execute the installation program.



2. Press "Next' to install the program.





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3. Click "Finish" to complete the installation.







Chapter 6 Caring Your Tablet PC

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1. Battery Protection Tips

- It is recommended temperature range for charging the battery pack between -5° C ~ 35 °C.
- To avoid harm to the battery, recharge the battery pack when it is nearly discharged. When recharging, make sure that the battery pack is fully charged.
- The battery pack is a consumable product and the following conditions will shorten its life:
 - Frequently charging the battery pack
 - When using, charging, or storing the battery in high temperature condition
- To avoid hastening the deterioration of the battery pack thereby prolonging its useful life, minimize the number of times you charge it so as not to frequently increase its internal temperature.
- A higher environment temperature will cause the battery pack's temperature to rise. Avoid charging the battery pack inside a closed vehicle and in hot weather condition. Also, charging will not start if the battery pack is not within the allowed temperature range.
- It is recommended that you do not charge the battery pack more than once a day.
- Charging the battery pack with the system's power off is recommended.
- To maintain the battery pack's operating efficiency, store it in a cool dark place removed from the Tablet PC and with 30 % ~ 40 % charge remaining.
- Avoid installing or removing the battery pack when the Tablet PC is in Standby mode.
- Charging time will be prolonged when the Tablet PC is turned on.

2. Touch screen Protection Tips

- Avoid using excessive force to the display, when use the finger or the included touch screen stylus pen on the display, the recommended force can not over 200gf.
- Besides the included stylus, using a sharp or metallic object may cause scratches and damage the display, thereby causing errors.
- Wipe the touch screen with a clean, soft, lint-free cloth.
- Using the touch screen during low temperature (less than 5 °C) may cause a slower response time, this is normal. A normal response time may be restored upon returning to room temperature.
- When there is noticeable discrepancy in the operation of the touch screen function (wrong location on intended operation or improper display resolution), refer to the Windows operating system for instructions on recalibrating the touch screen display.

3. Trouble shooting from A to L

A. Battery Problem

Condition	Check Point	
The battery does not charge	•	Make sure that the AC adapter is properly
does not light orange.		connected.
	•	Make sure that the battery is not too hot or cold.
		Allow time for the battery pack to return to room
		temperature.
	•	Make sure that the battery pack is installed
		correctly.
	•	Make sure that the battery terminals are clean.

B. Bluetooth Transmission Problem

Condition	Check Point		Check Point	
I cannot connect to another	•	Make sure that both devices have activated		
device with Bluetooth		Bluetooth feature.		
wireless technology.	•	Make sure that the distance between the two		
		devices are not over 10 meters or that there are		
		no walls or other obstructions between the		
		devices.		
	•	Make sure that the other device is not in		
		"Hidden" mode.		
	\bullet	Make sure that both devices are compatible.		

C. Display Problem

Condition	Check Point	
Nothing appears on the	•	During operation, the screen may automatically
Screen.		turn off as a result of power management. Press
	•	any key to see if the screen comes back. The brightness level might be too low. Increase brightness by pressing the button.

D. Date/Time Problems

Condition	Check Point
The date/time is incorrect.	Correct the date and time via the operating system or
	BIOS Setup program.
	After you have performed everything as described
	above and still have the incorrect date and time every

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time you turn on the tablet PC, the RTC (Real-Time
Clock) battery is at the end of its life. Call an
authorized dealer to replace the RTC battery.

E. SSD Problem

Condition	Check Point	
The SSD error message appears on the screen.	• The SSD has defects. Ask your dealer for help.	
The SSD operations seem slow.	 The data files stored on the SSD may be fragmented. Use a tool such as Window's Disk Defragmenter to defragment the files. 	
The SSD indicator glows without blinking.	 The data files stored on the SSD may be fragmented. Use a tool such as Window's Disk Defragmenter to defragment the files. 	



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F. LAN Problem

Condition	Check Point		
I cannot access the network.	•	Make sure that the LAN cable is properly	
		connected to the RJ-45 connector and the	
		network hub.	
	•	Make sure that the network configuration is	
		appropriate.	
	•	Make sure that the user name or password is correct.	

G. Power Management Problems

Condition	Check Point	
The Tablet PC does not enter	•	If you have a connection to another computer,
Standby or Hibernation mode		the Tablet PC does not enter Standby or
automatically.		Hibernation mode if the connection is actively in
		use.
	•	Make sure that the Standby or Hibernation
		time-out is enabled.
The Tablet PC does not enter	•	If the Tablet PC is performing an operation, it
Standby or Hibernation mode		normally waits for the operation to finish.
immediately.		
The Tablet PC does not	•	The Tablet PC automatically enters Standby or
resume from Standby or		Hibernation mode when the battery pack is
Hibernation mode.		empty.
	•	Do any one of the following:
		- Connect the AC adapter to the Tablet PC.
		- Replace the empty battery pack with a fully
		charged one.

H. Startup Problems

Condition	Check Point	
When you turn on the Tablet	•	If you are using an external AC power, make
PC, it does not respond and	sure that the AC adapter is correctly and	
the Power indicator does not	securely connected. If so, make sure that the	
light green.		electrical outlet works properly.
	•	If you are using the battery power, make sure
		that the battery is not discharged.
	•	Wait awhile.

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When you turn on the Tablet	•	Restart your Tablet PC.
PC, it stops after POST.		

I. Sound Problems

Condition	Ch	eck Point
No sound is produced.	•	Make sure that the volume control is not set too
		low. Increase volume by pressing the button.
	•	Make sure that the Tablet PC is not in Standby
		mode.
	•	If using an external speaker, make sure that the
		speaker is properly connected.
Distorted sound is produced.	•	Make sure that the volume control is not set too
		high or too low. In most cases, a high setting can
		cause the audio electronics to distort the sound.
The external audio device	•	Make sure that your Tablet PC is equipped with
does not work.		the driver needed.
	•	Click the speaker symbol on the taskbar and
		check the Windows volume control.
	•	Check the volume control of your tablet PC.





J. Wireless LAN Problem

Condition	Che	ck Point
I cannot use the wireless LAN	•	Make sure that the wireless LAN feature is
feature.		turned on.
Transmission quality is poor.	•	Your Tablet PC may be in an out-of-range
		situation. Move your Tablet PC closer to the
		Access Point or another wireless LAN device it is
		associated with.
	•	Check if there is high interference around the
		environment and solve the problem as described
		next.
Radio interference exists.	•	Move your Tablet PC away from the device
		causing the radio interference such as
		microwave oven and large metal objects.
	•	Plug your Tablet PC into an outlet on a different
		branch circuit from that used by the affecting
		device.
	•	Consult your dealer or an experienced radio
		technician for help.
I cannot connect to another	•	Make sure that the wireless LAN feature is
wireless LAN device.		turned on.
	•	Make sure that the SSID setting is the same for
		every wireless LAN device in the network.
	•	Your Tablet PC is not recognizing changes.
		Restart the Tablet PC.
	•	Make sure that the IP address or subnet mask
		setting is correct.
I cannot communicate with	•	Make sure that the Access Point your Tablet PC is
the computer in the network		associated with is powered on and all the LEDs
when		are working properly.
Infrastructure mode is	•	If the operating radio channel is in poor quality,
configured.		change the Access Point and all the wireless
		station(s) within the BSSID to another radio
		channel.
	•	Your Tablet PC may be in an out-of-range
		situation. Move your Tablet PC closer to the
		Access Point it is associated with.
	•	Make sure that your Tablet PC is configured with
		the same security option (encryption) to the
		Access Point.
	•	Use the Web Manager/Telnet of the Access Point
		to check whether it is connected to the network.

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	• Reconfigure and reset the Access Point.
I cannot access the network.	 Make sure that the network configuration is appropriate.
	 Make sure that the user name or password is correct.
	You have moved out of range of the network.Turn off power management.



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A.COM PORT Define

