

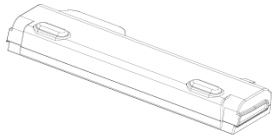


ALGIZ XRW

Quick Start Guide





handheld

Accessories

Item	Description	Note
	1 Li-Ion Battery Pack	
	1 CD for System Driver Utility.	Windows 7 Ultimate
	1 19V Adapter w/ Standard Power Cord. Euro / U.S. Std type, 1.8M	

Operation System Packing List

Item	Description	Note
	1 CD for Recovery CD for Operation System.	Windows 7 Ultimate
	1 User's Guide.	

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1. Visit the Handheld website www.handheldgroup.com to get the updated product information.
2. Contact your distributor, sales representative, or our customer service center for technical support if you need further assistance. You must 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 problem(s)
 - The exact wording or print screen images of any error messages

In addition, free technical support is available at Handheld during 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 email us.

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Safety Precautions

Battery Pack	Manufacturer: JHT energy International Co Ltd Model: ALGX-08A Rated: 5200mAh, DC 11.1V
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- Warning!

Always disconnect the power cord from the device before you open the device and work on the hardware. Only authorized service personnel are allowed to open the mechanical housing.



- Caution!

Always ground yourself to remove any static charge before touching SIM Cards. The device is very sensitive to static electricity. For safety, please use a grounding wrist strap at all times. Place all electronic components on a static-dissipative surface or in static-shielded bag when they are removed from the chassis.



UL Safety Announcement

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

- Power Supply Announcement

The Handheld Rugged Netbook Power is supplied by a Power Adapter and Battery Pack, the power rating declaration and manufacturer information are listed as below.

Power Adapter	Manufacturer: EDAC Power Electronics Co Ltd Model: FSP065-AAB Input rated: 100-240Vac, 1.8A, 50-60Hz. Output rated: DC ——— 19V, 3.42A.
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Please notice that the power code of the adapter needs to be connected to the ground (earth).

Please push the power button down for at least 4 seconds to enter sleep mode (See Chapter 2. 1 Starting and Stopping the Tablet PC).



Chapter 1 – Specifications

ALGIZ XRW is an ultra-rugged notebook designed for use in various challenging environments, e.g., field work, outdoor activities and construction sites. With its rugged design the ALGIZ XRW is able to sustain shock, vibration, high humidity as well as high and low temperatures.

1. System Specifications

System	
Processor	Intel® Atom™ Z550
BIOS	AMI System BIOS
Chipset	Intel® US15W
Memory	1 x SODIMM, DDR2 667 2GB
LAN Controller	Broadcom BCM57780 Gigabit-LAN
Storage	PATA interface support Mini-PCIe interface SSD 64GB
Audio	Audio-out for headset, Audio-in to send in audio signal, Micro-in for microphone jack, 1.5W Speaker (Internal)

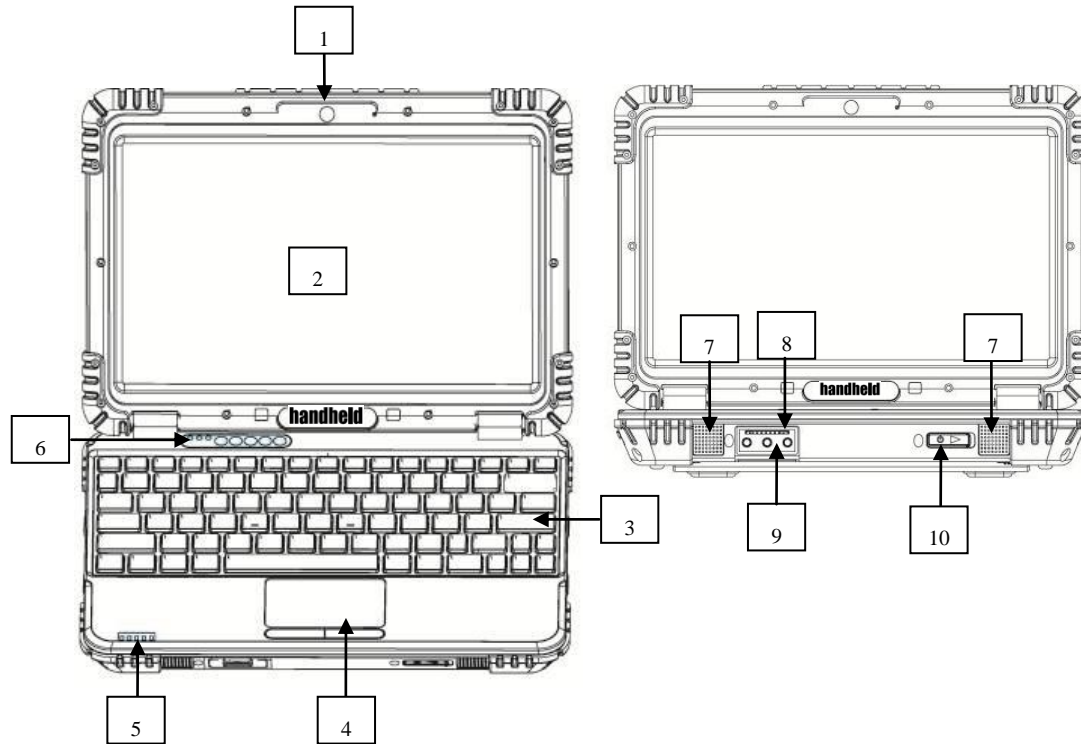
Display Specifications	
Size	10.1" (16:9)
Resolution	1366 x 768
Brightness	600+ cd/m2 (typ.), MaxView® enhanced
Glass	Heat-Enhanced Anti-Reflective Glass



I/O Connectors	
Left I/O Port	2x USB, 1x Giga LAN, 1x DC Power Jack
Right I/O Port	1x VGA, 1x RS232
Front I/O Port	1x Micro-In, 1x Audio Out, 1x Audio out, 1x SD card slot, 1x Power button slide
Bottom I/O Port	1x Pogo-pin for Docking, 1x Service Window

Buttons and Indicators	
Control Button	3 LED indicators (Number Lock/ CAP Lock/ Scroll Lock) and 5 buttons (Volume down / Volume up / WLAN/ Brightness down / Brightness up)
LED indicators	Power / Hard Disk/ WLAN/ Bluetooth/Battery Status

Chapter 2 – Hardware Components

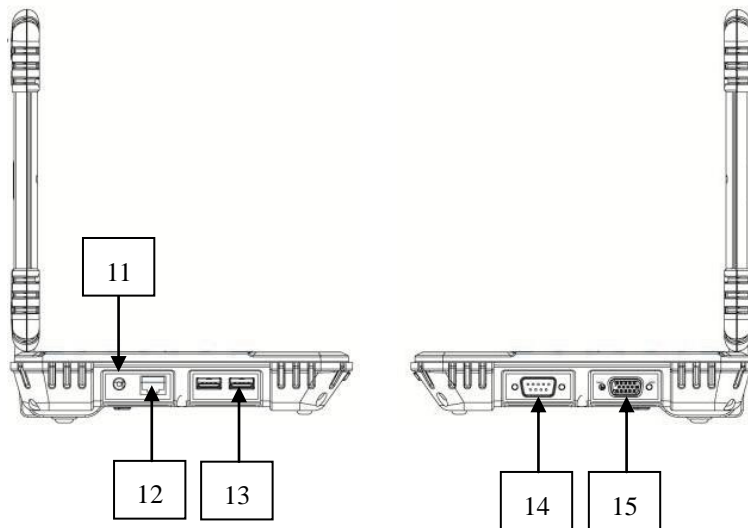
1. Front Side



Ref.	Item	Description
1	Webcam + Microphone	2 megapixels Webcam with Microphone is used for picture taking, video recording as well as any other possible interactive activities.
2	LED Display	High brightness LED panel with MaxView
3	Keyboard/ Quick Launch Buttons	The built-in keyboard has all the functions of a full-sized keyboard including Hot Keys (Fn) whose definitions will be described later.
4	Touch Pad with left and right keys	A touch pad with left and right keys serves as a regular mouse of a desktop PC.
5	LED Indicator 	Indicates the status of Power/ Hard Disk/ WLAN/ Bluetooth/Battery
6	Control buttons 	Includes 3 LED indicators (Number Lock/ CAP Lock/ Scroll Lock) and 5 buttons (Volume down / Volume up / WLAN/ Brightness down / Brightness up)
7	Stereo Speakers	1.5W stereo speakers
8	SD Card Slot	Accepts Secure Card (SD)

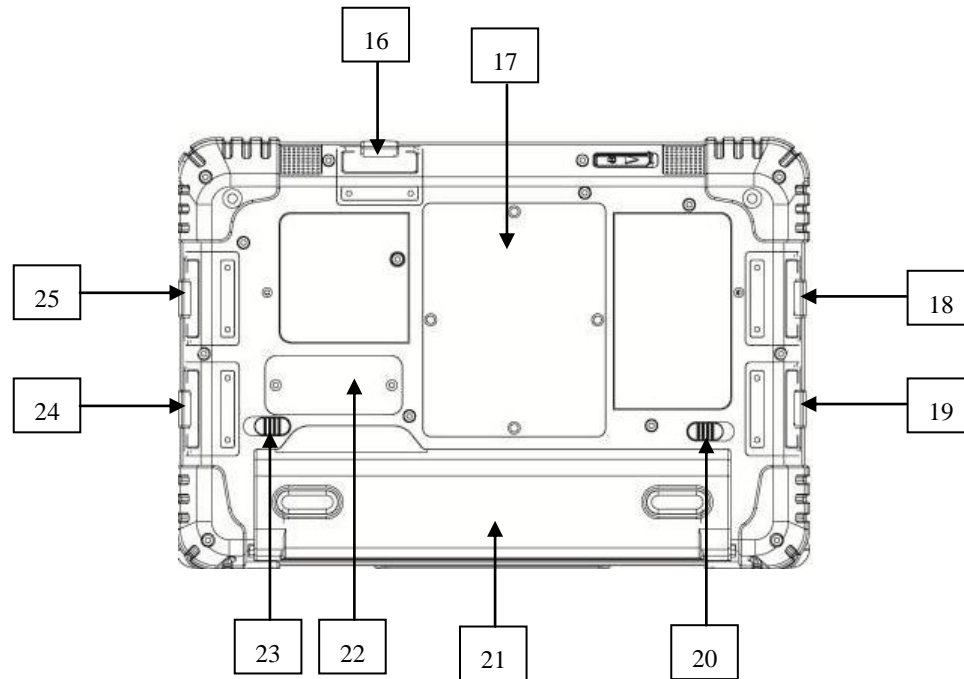
9	Audio in/ Audio out/ Microphone in	Audio out: connects with external audio line out devices such as headphones or external speakers Audio in: allows users to send audio signal to the laptop for processing or recording Microphone in: used to connect Microphone
10	Power Switch	Slide the switch to boot up the laptop

2. Left and Right Side



Ref.	Item	Description
11	DC Power Jack	Plug in DC plug to power up the device
12	Ethernet(RJ45) Port	Connect to a Ethernet 10/100/1000 based network
13	USB 2.0 Port x 2	Can be connected with any USB-interface peripherals
14	RS232	Accepts an external connection to a RS232 interface (D-sub 9 pins)
15	VGA	For connection with external displays devices such as monitors and projectors
















3. Bottom side



Ref.	Item	Description
16	SD card & Audio Cover	Open the cover to use the SD card slot and Audio jacks
17	Service Window	Unscrew to install/uninstall SSD/ 3G & WiMAX module and SIM card
18	VGA Cover	Open the cover to plug in the VGA cable
19	RS232 Cover	Open the cover to plug in the RS232 cable
20	Battery Lock	Used to fasten the battery
21	Battery	Please secure battery latch before use
22	Pogo Pins	Pogo pins for docking station
23	Battery Latch	Sliding latches to fasten or release the battery
24	USB Cover	Open the cover to plug in any USB 2.0 interfaced devices
25	DC Jack & Ethernet Port Cover	Open the cover to plug in a DC Power Plug and RJ-45 LAN cable

Chapter 3 – Buttons and Indicators

1. Function Keys

Hot Key	Function	Icon	Description
Fn+F1	Sleep mode		Enters the sleep mode
Fn+F2	GPS		Enable/ Disable the GPS function GPS can be found at COM9
Fn+F3	WLAN/ Wi-Fi		Enable/ Disable the Wireless LAN function
Fn+F4	3G	3G	Enable/ Disable the Optional 3G function
Fn+F5	Bluetooth		Enable/ Disable the Bluetooth function
Fn+F6	Touchpad		Enable/ Disable the touchpad
Fn+F7	Volume down		Decrease the volume
Fn+F8	Volume up		Increase the volume
Fn+F9	Mute		Muffle the audio sound
Fn+F10	Brightness down		Decrease the display brightness
Fn+F11	Brightness up		Increase the display brightness
Fn+F12	LCD/ External Monitor switch		Switch signal between laptop display and external connected monitor or both
Fn+Esc	Webcam		Enable/ Disable the webcam function
Fn+ ~	WiMAX		For future functions
Fn+1	Keyboard Auxiliary Light		Turn on/off the keyboard auxiliary light Press to cycle intensity and Turn off
Fn+2	Stealth mode		Enable/ Disable all LED indicators and screen.

2. On Screen Display Hot Keys



Function	Icon	Description
Numeric lock		Enable/ disable the numeric keypad
Caps lock		Enable/ disable the caps lock
Scroll lock		Enable/ disable the scroll lock
Volume down		Decrease volume
Volume up		Increase volume
WLAN		Enable/ disable the WLAN
Brightness down		Decrease brightness
Brightness up		Increase brightness

3. LED Indicators

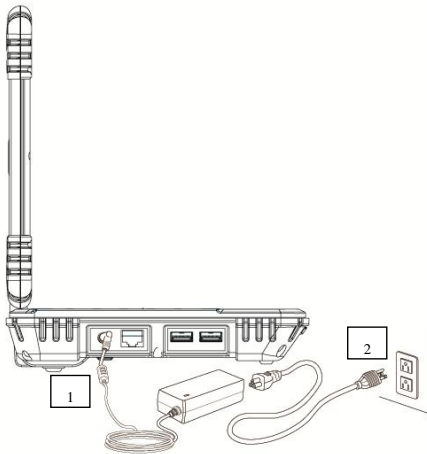


Function	Icon	Description
Power Status		Green light – Power on Orange light – Sleep mode
HDD Status		Green light – System is accessing the hard disk drive
Wi-Fi Status		Green light – Wi-Fi on
Bluetooth Status		Green light – Bluetooth on
Battery Status		Red light – Low Battery Green light – Full Battery Yellow light – Charging

Chapter 4 – Getting Your Device Ready

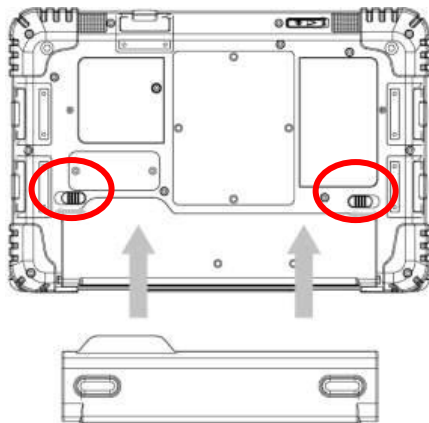
1. Make sure that your device is either connected to AC power or a battery that still has power.
2. Press the power button to turn on your ALGIZ XRW.

1. Plug in the AC Power



2. Plug the DC power cord of the AC adapter into the power connector of the device
3. Plug the female end of the AC power cord into the AC adapter and the male end into an electrical outlet
4. Slide the power switch to boot the system

1. Installing a Battery Pack

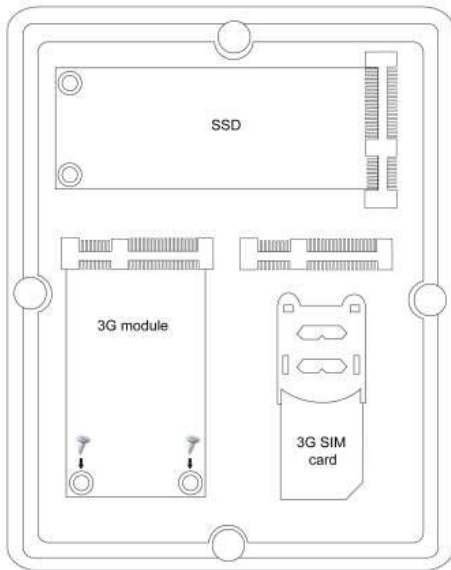


1. Push the latches aside to install / release the battery to the battery compartment

Caution

Before you use your Algiz XRW, you will have to charge the battery pack. Please fully charge the battery prior to using Algiz XRW. The new battery packs must be 100% charged before Algiz XRW is disconnected from the external power source. It takes a few hours to fully charge the battery when Algiz XRW is turned off.

2. Installing 3G SIM Card



1. Plug in the 3G module into the mini PCIe slot and fasten the module onto the motherboard
2. Lift the SIM card socket up to insert the 3G SIM card.