EVERSN
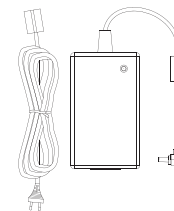
The compact premium experience
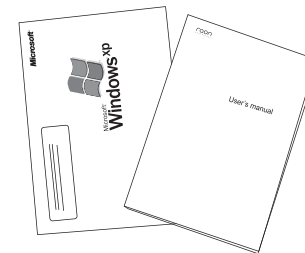
Basic components
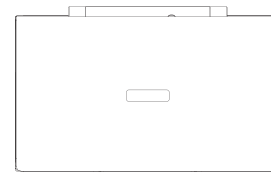
| Body | Battery | AC Adapter & Cable | Windows XP CD & User's Manual |

※ The configuration of this product can be subject to change without notice.

Safety Precautions

1. This is a mini notebook computer.

2. Condition for use of the product
   Temperature for use : 10 ~ 40℃, Temperature for custody : 0 ~ 60℃

3. If it is exposed to water, it can be damaged or cause electric shock. If it is dropped in water, remove its battery from the body and consult the designated Customer Support for the matter. If it sinks in the sea water, remove its battery from the body and dry it after washing it in fresh water to reduce its corrosion.

4. Use it where it is well ventilated. If you use it in the badly ventilated condition, it can slow down, or it can be deteriorated or damaged due to heat from the product. Particularly, when you use it on the bed, make it sure that a blanket will not cover it with its power turned on.

5. When you drop it or give any shock to it, it can be fatally damaged.
   Use it in a safe position. (Any damages from drop or shock are not covered by warranty services.)

6. It is a small computer, when you use it for a long time, it can cause your eyesight deterioration and headache.
   So it is strongly recommended for you to take a sufficient rest. Particularly, too much bright or dark LCD can get your eye fatigue. Control the brightness of the LCD according to the illumination in your place.

7. If there are any problems with the product, remove its power/battery and consult the designated Customer Support.

8. Using it in the environment of strong magnetic field can cause malfunction or damage. Do not use near the strong magnetic field environment like a large speaker.Particularly, if any magnetic substance is close to the hard disk, it can damage the diskor delete the data stored.

9. If you leave it in the car with high temperature in the summer, it can damage the product or lead to accidents due to it.
   We hold no liability for any damages or accidents from the car that was left alone.

10. A rapid change of temperature can cause the inner sides of the product and the LCD to get damp.
    In this case, wait at least for one hour before turning it on. If any problem happens, plug out the power cable and remove the battery from it.

11. Use a soft cloth to clean the outer part of the body. Do not use sandpaper/abrasive or a solvent such as alcohol, which can damage the surface of the product.

12. Note in charge:
    Charge in a place easy to access of consent in proper position.
    On charging, in case of smell or sound for burning, remove the power plug from consent and consult the Customer Support.

13. Due to deterioration of environment, collect the used battery separately.

To increase the battery time

■ Use default BIOS settings.

■ Install Windows update files related to power before use. (See Page 97)
  - It enables the CPU can run in power saving.

■ Install AMD processor driver. (See Page 66)
  - It controls CPU speed and hibernation automatically depending on the system loaded.

■ Always execute CoxWin. (See Page 103)
  - Like AMD processor driver, CoxWin controls the speed of CPU automatically depending on the system load.

■ In the Control Panel/Power Option, select [Maximum battery] for power configuration.
  - Please set it to "Maximum battery" to control the speed of CPU and power-saving mode automatically depending
   on the system load.

Recommendations in the use of product

1. Use the battery in the full charge.
2. Use WiFi in the power-saving mode. (See Page 90 and "Install Wifi Driver")
   Turn off WiFi when not using it. In this case, Bluetooth turns off as well.
   When WiFi doesn't work smoothly, change it into "Normal".
3. Install Windows update file. (See Page 97 and "Windows Update")
4. Use default BIOS settings. (Random setting can cause malfunction.)
5. Use it in the well-ventilated place with no high temperature.
6. Close the windows that are not used.

OS (Windows System) Support

● The operating system installed in this product is Windows XP Home Edition.
● If you have any problems while changing and using different OS other than Windows XP Home Edition, you cannot get it replaced or refunded, or you cannot get any technical services. If you request technical services or supports, you may be charged for them.
● To maintain optimal OS performance, receive update programs provided by Microsoft. For technical support on Windows OS, see Microsoft's website.

Storage data

● The data stored in the hard disk or SSD of this product can be damaged from S/W problems, shocks or magnetic field.
● It is recommended to back up important data. We have no liability for data losses while using the device.
● When you want to get your device repaired, please back up important data in advance. Data losses can occur during repairs, but we have no responsibility for them.

Warranty and Repairs

● This product is a precision electronic gadget. So when you disassemble, alter or destroy it, it can cause damages or fires. If you damage a warranty label at your discretion, you may not get technical services. For repairs, please contact your local the designated service center.
● You can get free warranty for a year after its purchase. For damages caused by your carelessness, it may not be covered by warranty. Also it has different warranty period for peripheral accessories including battery. See the section on warranty of the product.

※ As this wireless equipment is possible for interference of radio wave, manufacturer and installer cannot not give a service related to safety of life.

Contents

Product at a glance

1-1 Name of each part

TOP

① Left speaker
② Power button
③ Function key: (See how to use Fn keys)
④ Left button of mouse
⑤ Optical mouse: It operates in the same way as the general mouse does. Put your finger on the optical receiver of the mouse before moving it. You can press its left button once or twice.
⑥ Right button of mouse
⑦ Microphone: A mono-type condenser of microphone
⑧ LAN LED(Orange): It displays the connectivity of LAN. It flashes in the power saving mode.
⑨ -
⑩ Power(Red) / HDD(Green) LED: It displays the status of power and hard disk.
⑪ PS button: Press the button, and the system starts the power saving mode.
⑫ AUTO button: The system controls power automatically depending on the programs being used.
⑬ Right speaker
⑭ Camera: 1.3 million pixels

Use of Fn Keys

Blue function keys on the keyboard are used in combination with Fn keys. Main function keys are explained in the images below.
It is possible to control the unit in CoxWin.(except for sound)

Fn + | ! 1 | @ 2 | # 3 | $ 4 | % 5 | ^ 6 | & 7 | * 8 | (9 |) 0 |
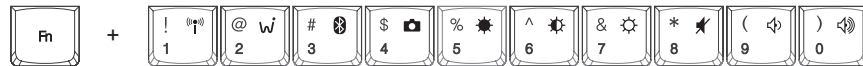
((•)) : It turns WiFi on and off.

Ẇ : -

✳ : It turns Bluetooth on and off.

📷 : It turns Web-camera on and off.

☀ : It turns LCD off.

🔅 : It turns LCD brightness dark.

🔆 : It turns LCD brightness light.

🔇 : It turns speaker off.

🔉 : It turns the sound of speaker low.

🔊 : It turns the sound of speaker high.

Fn + Q : Setting resolution

Fn + W : SD Card On/Off

Fn + E : Running Explorer

Fn + R : Running/Finishing CoxBat

Fn + T : Running/Finishing CoxTimer

Fn + I : Running Internet Explorer

Fn + S : Showing/Hiding CoxWin

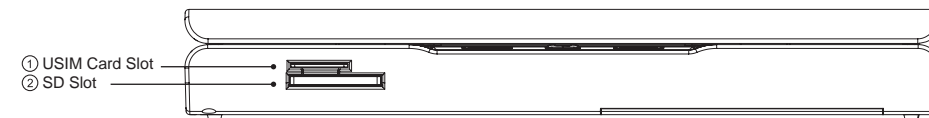Fn + P : Capturing the screen that is displayed

at the moment

Fn + Optical mouse : Scroll display (See Page 13-④)

Fn + Left button of mouse : Mouse center click

Fn + Screen touch : Mouse right click
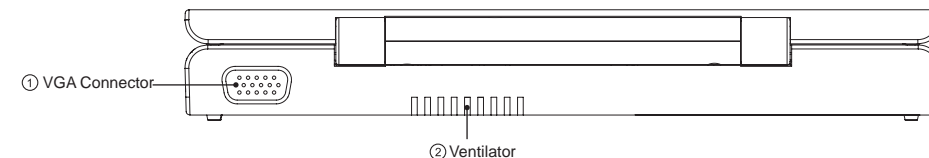
Fn + Esc : Standby Mode

① USIM Card Slot
② SD Slot

① USIM Card Slot
② SD Slot : Insert SD card to transfer or store data. (Also, supporting mini SD / SDHC)

Back

① VGA Connector

② Ventilator
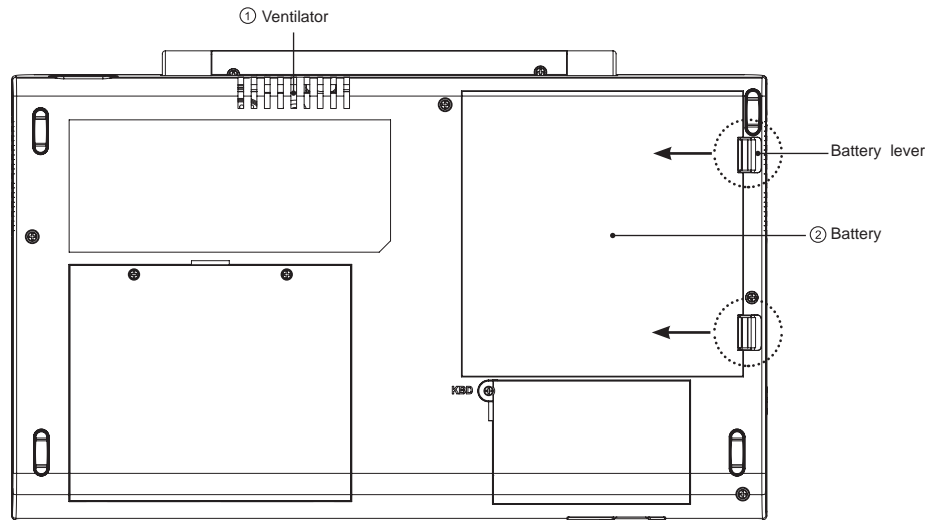
① VGA Connector : It connects an external display device with a 15-Pin D-Sub connector.
② Ventilator : It emits heat from the system and CPU, so please be careful not to block it.

Bottom

① Ventilator

Battery lever

② Battery

KBD

① Ventilator : Do not block it when in use. It can cause severe impact on its performance and life.
② Battery : To remove it, push two locking levers to the direction of the arrows to lift.

Left Side
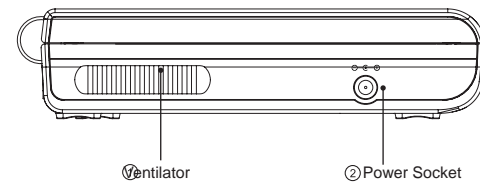
①Ventilator   ②Power Socket

① Ventilator : Do not block it when in use. It can cause severe impact on its performance and life.
② Power Socket : It connects the power adapter included in the product.
(Please use a genuine adapter. When you use non-genuine adapter, it can cause malfunctions or damages.)

Right Side

①Earphone jack ②Microphone jack ③USB A ④USB mini B ⑤Ventilator
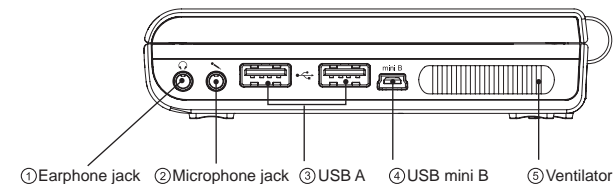
① Stereo earphone jack
② Mono microphone jack
③ USB A port (2EA)
④ USB B mini port : It is used for using the product as an external disk by connecting it to the other PC.
(When connecting it, the product should be shut down, not Stand-by or Hibernation)
⑤ Ventilator : It emits heat from the system and CPU.
(Do not block it when in use)

1-2 Start and Finish

How to start

Insert the battery into the product and press POWER button. Its system starts to operate.
The booting time may differ depending on S/W programs and applications installed by users.

How to finish

To finish Windows system, select one from Standby Mode, Finish, Hibernation Mode, and Start Again.
  - Standby Mode : Maintain the present Windows settings. If necessary, press Power button as a mode to use
   the system instantly. The system will start in seconds. It is useful to turn the device ON/OFF frequently.
  - Finish : If you select it, it will completely finish it.
  - Hibernation : It saves the environment for use before finishing. If you boot it again, it is the same with the last
   working environment. Press shift key to call Hibernation mode at System End.
  - Start Again : It starts Windows again after finishing it. It is used when you install programs or find some problems
   in Windows operation.

Battery

Battery

- Battery is provided when you purchase the product.
- It is Lithium Polymer Battery which has its safety device on over current and temperature attached.
- Be careful not to dissemble it at your discretion or apply shocks to it, which can cause explosions and fires.
- For damages from discretionary manipulation or drop, you cannot get its repair services.
- If it is dropped into water, do not use it, go to the technical service center and have it checked.
- If its surface expands or it leaks, do not use it and go to the technical service center for checking it.

2-1 Removing/mounting battery

- Put battery terminal tightly to the back terminal to push in until it sounds "Snap."
- Check it if it does completely snap into the body.
- To remove it, follow the opposite order. Push the locking pin upward to lift.
- Battery in use or being charged can be hot. So be careful when you use it.

2-2 Charging battery

- Do not use adapters other than the genuine charging adapter provided with when you purchase.
- If you use a non-genuine adapter, it won't charge or it can cause fires.
- To charge it fully, discharge it completely at the first time before charging.
- Its temperature can increase while you charge it.
- Be careful not to block the product with a blanket or clothes while you charge it.
- You can check its charging status at the Windows Taskbar and the power control from the control panel.
- For low-power warning setting, you can set it at the power control from the control panel.

- If the temperature of the product is high, its charging time can be delayed due to the operation of the temperature sensor inside the battery.

2-3 Checking battery level

If you move the cursor to the icon of power control at Windows Taskbar, it will show the battery level with percentage (%).
The battery time is measured by Windows system and can be different from the actual remaining time.

2-4 Cautions for use of battery

1. Do not leave it under sunshine or in the surroundings with temperature over 60°C like in the car parked in summer. It can cause the product or the battery to overheat.
2. Charge the battery at temperature of 10°C to 30°C. Charging it over this temperature can cause it to overheat. And charging it at low temperature can lengthen the charging time.
3. For safety of a user, use the designated AC adapter and genuine battery provided with the product. This product is designed to operate only with the genuine battery.
4. The temperature of the battery goes up when it is in use or being charged. Do not worry about it as It is normal.
5. Do not leave it close to every heat source (radiator, heater, etc.) as it can cause explosions or fires.
6. Be careful not to have it exposed to humidity and water.7. Do not disassemble it.8. Do not apply any mechanical shock to it.
9. Remove it from the product to prevent it from being damaged when you don't use it for a long time.
10. If its time for use is still not enough even after its full charge, its life becomes almost exhausted. So you need to replace it with a new one.
11. You do not need to discharge it to charge.
12. Charge it fully before use when you don't use it for a long time.
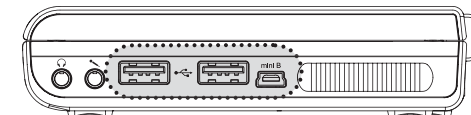
Use of Product

3-1 How to use

Connect earphone/microphone
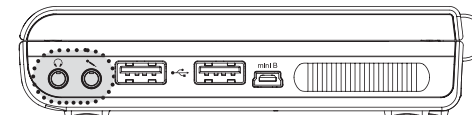
Connect USB

- Connect the earphone / microphone to the appropriate terminals.

※ When using the earphone at high notes for a long time, it can cause headaches or hearing disorders.

- It consists of two USB A ports and one USB miniB port.
- To use it as an external disk, connect USB miniB port with USB port of the other computer, by use of USB cable (optional sale). To be recognized as an external disk, the product should be shut down, not Standby mode or Hibernation mode.
- Connect USB devices (keyboard, mouse, external disk) to USB A port. A dedicated driver is required, depending on the devices.
- Install the driver provided with the device.
- When power is insufficient, USB may not be connected.

※ For a device that cannot read a USB device
    1. Check if it works well on the other computer.
    2. Replace its USB cable.
    3. Change different USB port from the other computer.
    4. Check whether that USB device has its own power supply or not. If not, find other device with its own power supply.

Connect external monitor
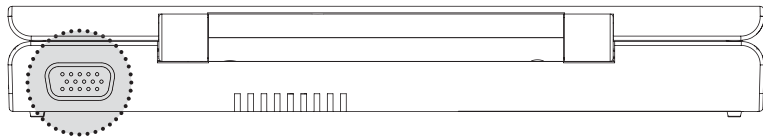
Connect a monitor cable to the VGA connector at the back of the product.
You can display images simultaneously by connecting it to digital TV, projector, PC monitor etc, which have the VGA connector.

※ There are two external modes, a [Clone] mode that LCD screen of this product and the contents of the external monitor are the same and an [extension] mode that the external monitor is available, independent of images of LCD screen. (See the explanation below)
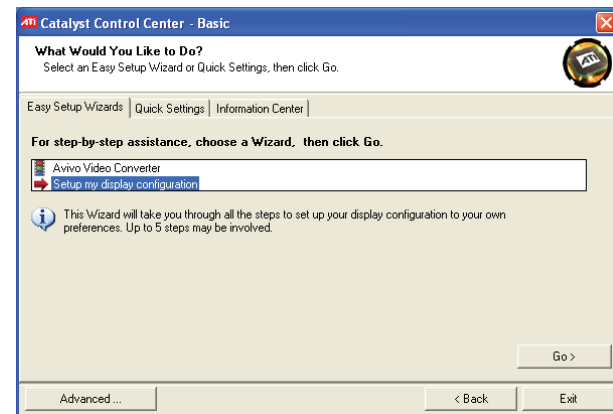
Click the right button of the mouse at the wallpaper to select Catalyst (TM) Control Center.

It displays ATI Catalyst Control Center screen. Select [Easy Setting Wizard and Quick Setting] and click [Next].

Select [My Display Configuration Setting] and click [Go] button.

It displays with the products, which is connected now, checked and click [Next].
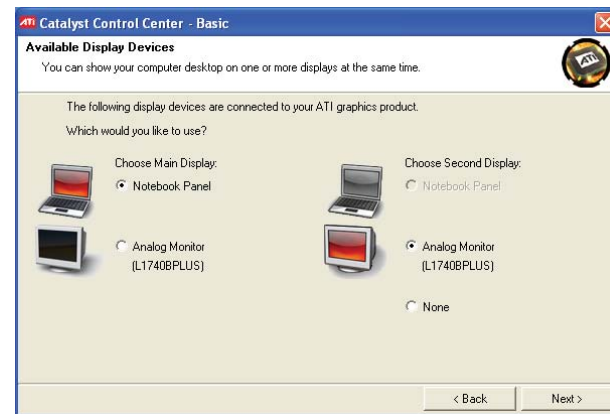
Select how to connect at the screen of [Select Wallpaper Mode] and click [Next]. Select [Clone] Mode to display the same as the screen of the product.
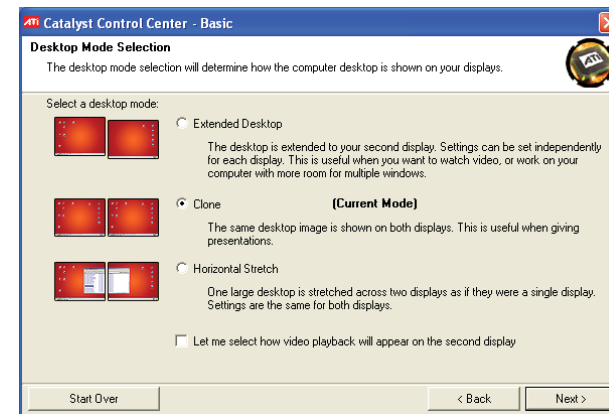
Now the main body is connected to the external monitor. Select the resolution you want and click [Next].
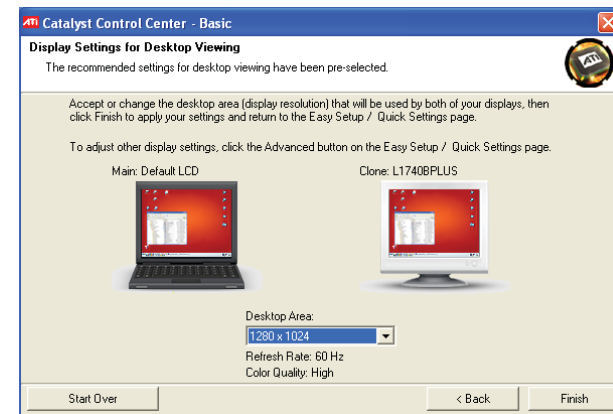
It returns the first screen. Click [End] to finish the setting.
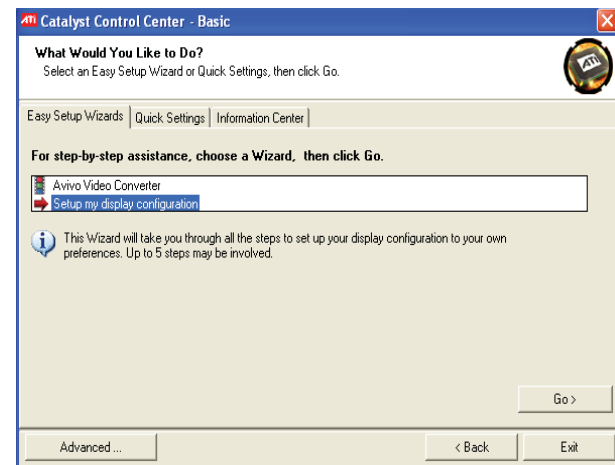
Select Advanced User Mode

Click the right button of the mouse at the wallpaper to select Catalyst (TM) Control Center.

It starts the screen of ATI Catalyst Control Center. Select [Advanced] and click [Next].

This is [Advanced User Mode]. You can set advanced setting for each item. After selecting the item, see [Help].

Convert Video File

It converts CD/VCD, Sony PSP, iPod format etc at high speed.

Click the right button of the mouse at the wallpaper to select Catalyst (TM) Control Center.

It starts the screen of ATI Catalyst Control Center.
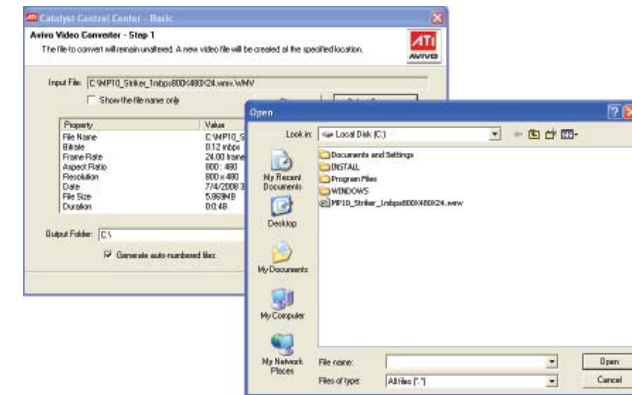Select [Easy Setting Wizard and Quick Setting] and click [Next].
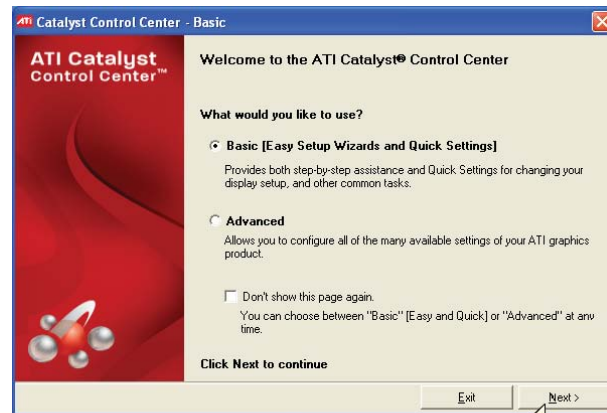
Advances to the next page of the Wizard (the settings you have made up to this point may be automatically applied, if required).

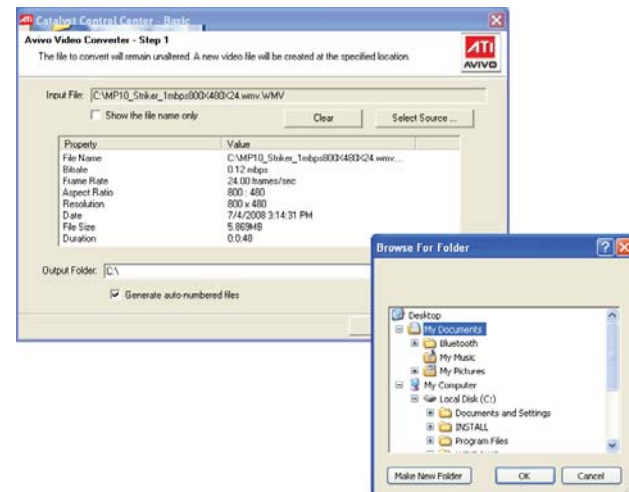Select AVIVO Video Converter and click [Go] button.
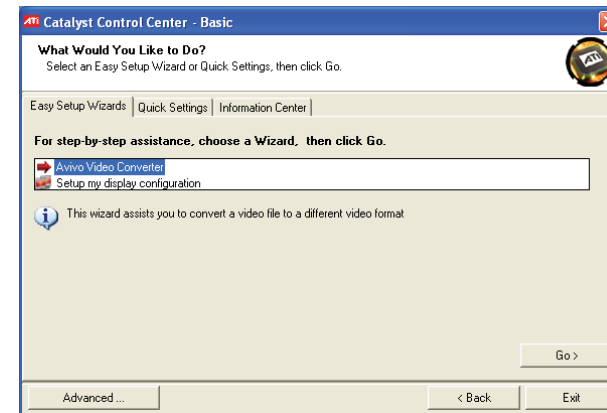
Click [Select Source], and screen of [File Manager] pops up.
Select [Source Vide].

Select a folder to save and click [Next].

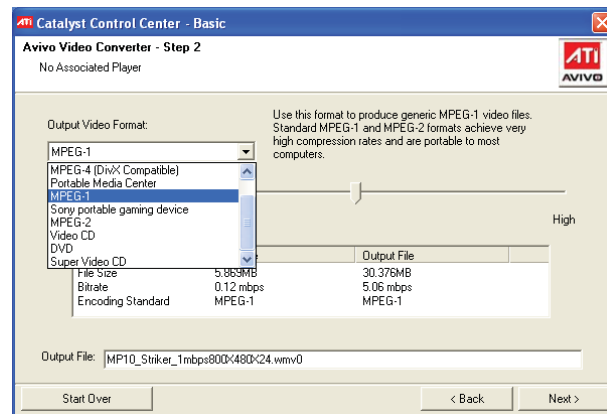Select a video format to convert, select video quality using the scroll and click [Next].

Table 1. ATI Avivo Video Converter Formats

To Create	Use this Format
Generic MPEG-1 video files. Stadard MPEG-1 and MPEG-2 formats achieve very high compression rates and are portable to most computers.	MPEG-1
Generic MPEG-2 video files. Stadard MPEG-1 and MPEG-2 formats achieve very high compression rates and are portable to most computers.	MPEG-2
Generic MPEG-4 video files. Stadard MPEG-4 provides good quality at low bit rates; very high compression is possible.	MPEG-4 (DivX Compatible)
Generic Windows® Media Video files. Windows Media format is best for straming video.	Windows Media Video
Video for creating video CDs.	Video CD
Video for creating a super video CD.	Super Video CD
Video for DVD authoring.	DVD
Video for viewing on a Portable Media Center device.	Portable Media Center*
Video for viewing on a Sony® portable gaming device.	Sony portable gaming device*
Video for viewing on an iPod® Video.	iPod Video*

※ For details on uploading files to a portable device see the device manufacture's user's guide or Help.

Video is being converted. If it is finished, this program will be done.
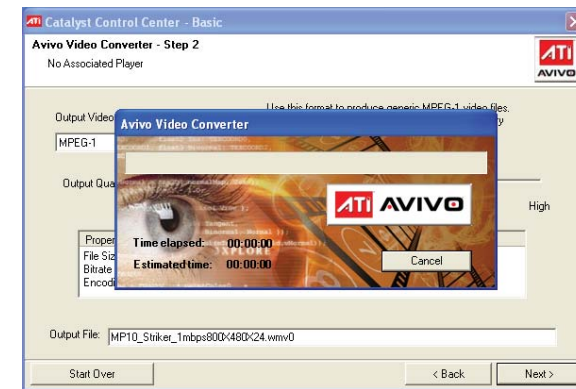
Setting KMPlayer to play high-res video

※ It is recommended to use KMPlayer to play high-resolution HD video such as 1080p.
KMPlayer guides the way to reduce CPU load using HW resource built in the product.

Go to Preference Menu (F2 Key) and uncheck the following items from Internal Video Codec.
(It means that it uses an external video codec).
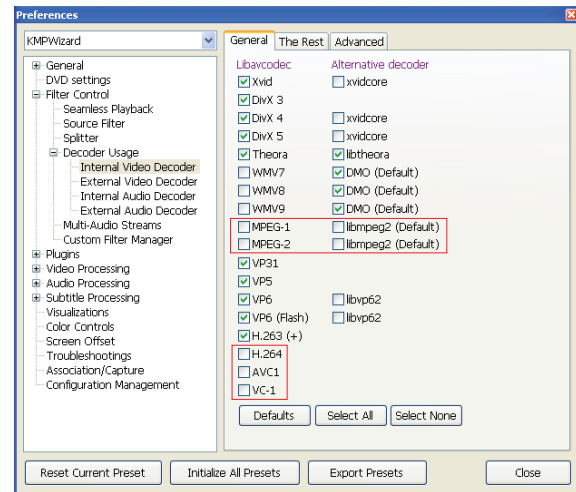
Run [Add by Search] from External Video Codec.
Define External Codec User to check [ATI MPEG Video Decoder] as shown below. If this item doesn't appear, you have to run /INSTALL/ChipSet/M690../XP32../AVIVO/Setup.exe.
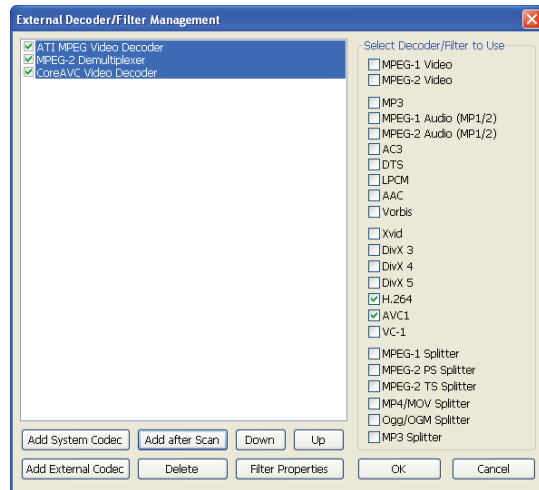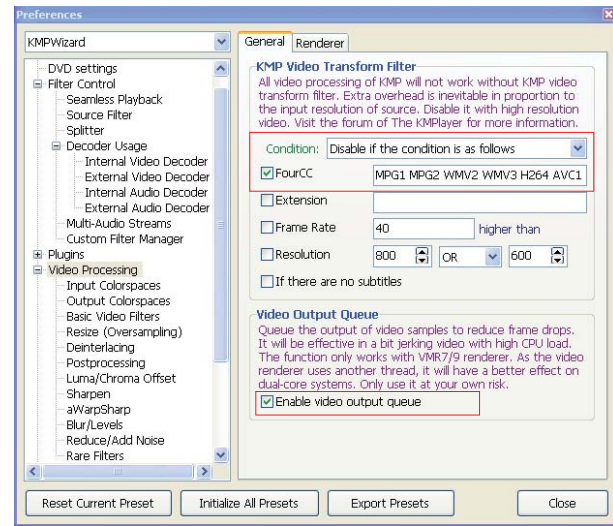

The example above shows CoreAVC Codec installed to play H.264(X264), AVC Video. It is recommended to use CoreAVC to play it smoothly.
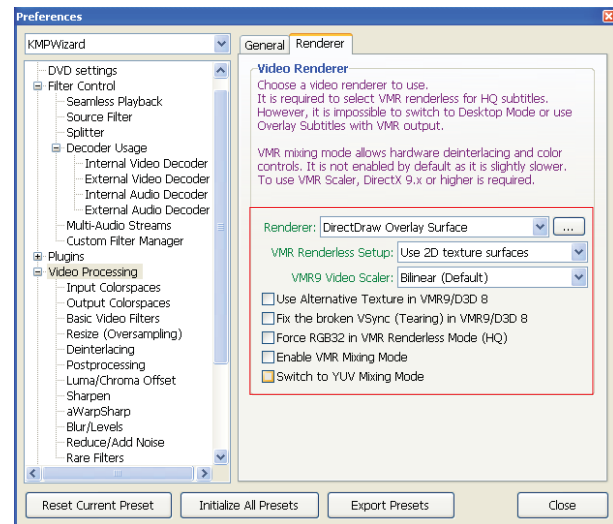
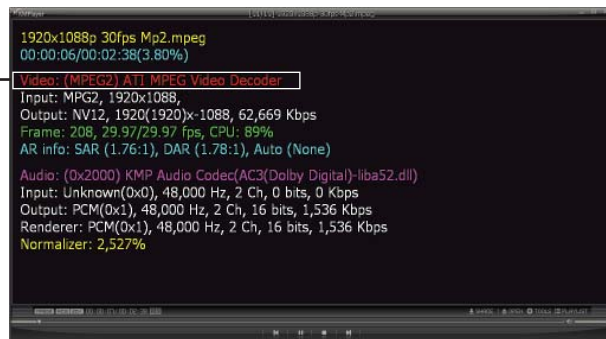Return to External Video Codec to set the items below.
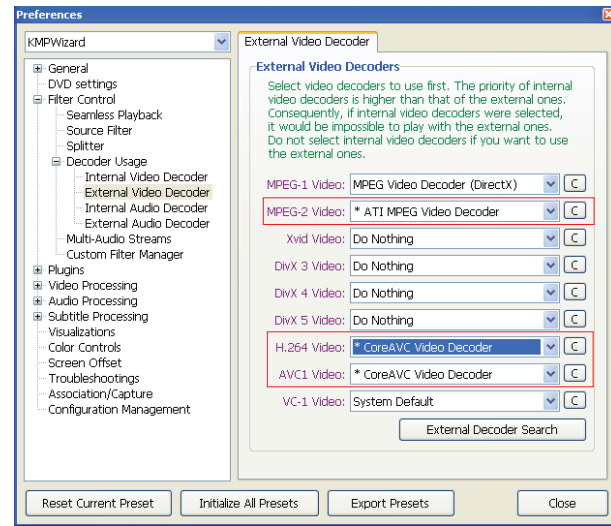
Set Video Processing/Video Display Terminal as shown below.

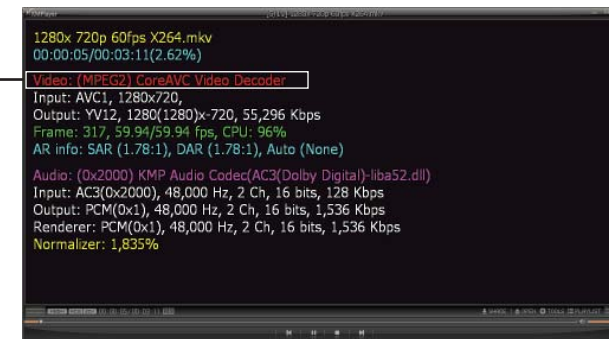Set Video Processing/Video Display Terminal as shown below.

Check Playback Information (press TAB key) to make it sure that it is set properly. When playing MPEG(.mpg) video, a playback information displays as follows:


► Video : (MPEG2) ATI MPEG Video Decoder

Check Playback Information (press TAB key) to make it sure that it is set properly. When CoreAVC Codec is installed and H.264 (.mkv) video plays, a playback information displays as follows:

► Video : (MPEG2) CoreAVC Video Decoder

Check Playback Information (press TAB key) to make it sure that it is set properly. When WMV (avi) video plays, a playback information displays as follows:
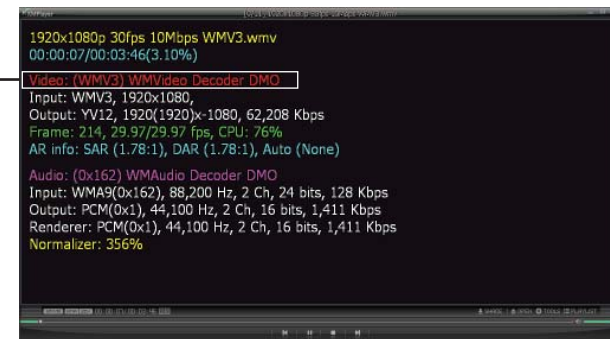
► Video : (WMV3) WMVideo Decoder DMO

Select Power Control Mode

PS	Auto

- PS (Power Saving Mode) : It reduces power when working on with the task low loaded.
  CPU speed is set low and it reduces battery consumption.
  It is often used in internet surfing,documents and music playback.

- Auto Mode : It is a mode in which the operating speed controls automatically. If you convert it into this mode when a movie
  stops playing or the movie and its sound don't correspond, you can play it smoothly. As it causes the battery
 to consume increasingly and reduce its life,however, you have to use it only when it is needed.

Rotate Display

When CCC (Catalyst Control Center) is installed in the product, it supports four kinds of Display Rotate Mode as follows:

- Standard horizontal (0°)
- Right (90° in the clockwise direction)
- Reverse horizontal (180°)
- Left (90° in the counterclockwise direction)

How to change [Rotate Display]

When you change [Rotate Display], click CCC shortcut icon at the wallpaper to change it, or set/change it with Hot Key.
Click the right button of CCC shortcut icon > 1. ATI Radeon X1200 Series > Rotate Display > Select [Rotate Display]
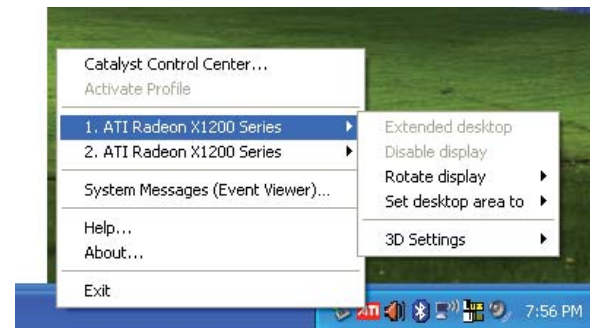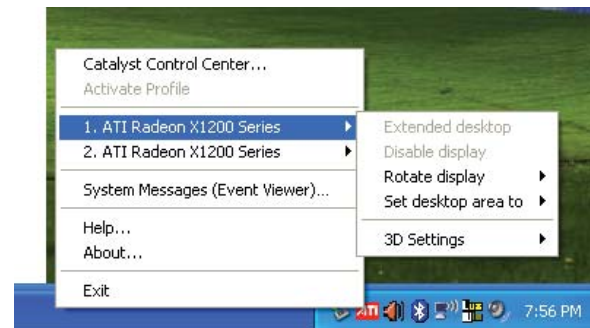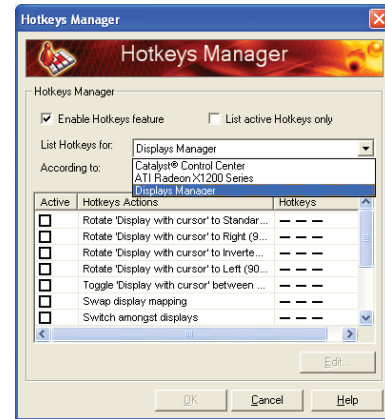
How to set Hot Key

Start > Programs > Catalyst Control Center > CCC – Run [Advanced]

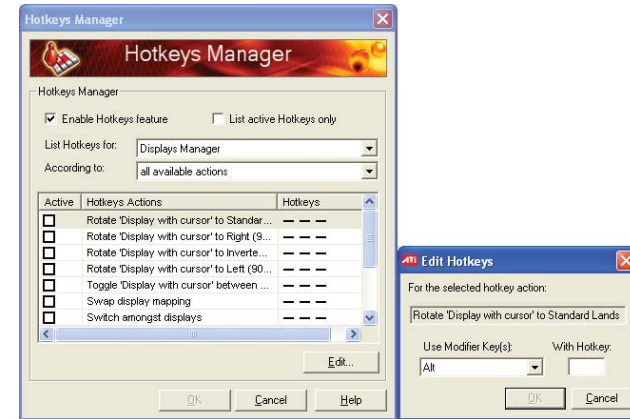Select [Hot Key] tab > Select [Hot Key Manager...].

Mark the checkbox of [Use Hot Key Function].
Select [Display Manager] out of [Display Hot Key on the followings]:

Select items for Using and setting Hot Key > Select [Edit] button > Select Hot Key in the window of Hot Key Edit > Select [OK] button.

Now it is possible to rotate the display simply with Hot Key set.

- Enable Clone Mode : Enable the external monitor to display the same picture as the main monitor.

- Enable Extended Mode : Extend the space of main monitor to the external monitor.

- Swap Display Mapping : In Extended Mode, you can switch displays between main monitor and external monitor.

- Toggle through all possible desktop modes : Toggle through all possible resolution between main monitor and external monitor.
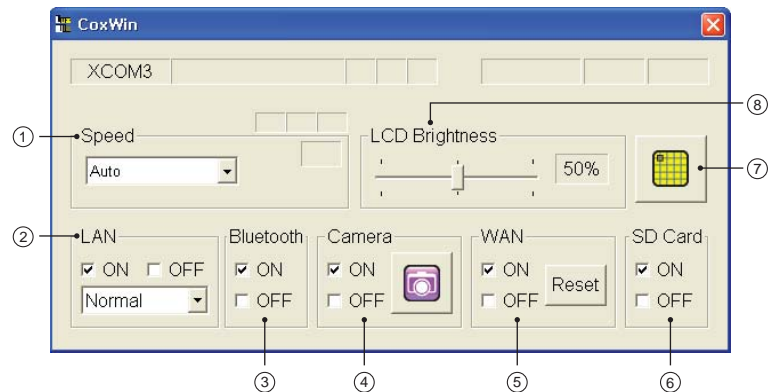
3-2 Control Program (CoxWin)

Control Program (CoxWin)

It is a control program to display and control the operation of some devices. Click an icon of CoxWin on the taskbar of Windows screen, and a screen pops up.

① Display CPU speed control and set its control mode
② Set WiFi ON/OFF and mode
③ Bluetooth ON/OFF
④ Run Camera ON/OFF and utilities
⑤ WAN ON/OFF and Reset
⑥ SD Card ON/OFF
⑦ Run Touch Screen Calibration
⑧ Display LCD brightness status and control its brightness

CPU Speed Control
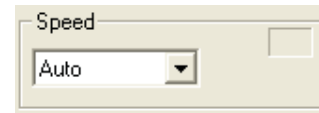
Select CPU speed control mode.

Auto: It controls the speed automatically depending on CPU load (share).
Power Saving: Set CPU speed low to run in the power-saving mode.

Touch Screen Calibration Setting

Set it when the touch screen calibration is not correct.
- Press the button to run the calibration setting program.If it is done, the program ends automatically.
- Touch the center of a circle in the order as shown below.
- When you finish setting each spot, move to the next spot.If you want to finish it while setting it,
  press Esc to cancel the setting.
- When you cancel the setting, it will save its value as set before.
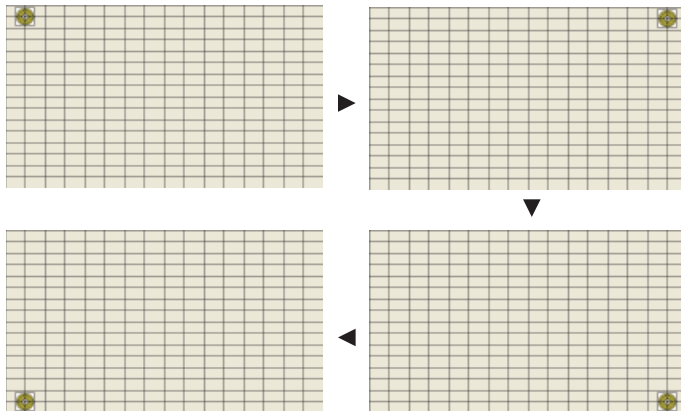
Camera Utility
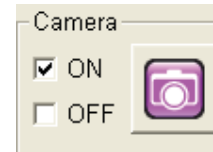
Check the camera "ON."
Mark "ON" in the checkbox when using the camera.
Press the button to run the camera utilities.

① Set camera-input video format and video source
② Preview and set the frame rates of movie capture
③ Preview Camera-input video
④ Snapshot and Save to File
⑤ Start and stop capturing a movie
⑥ Exit

CoxCam

① Settings
  Source
  640x480

  Frame Rate
② 15 Frames/sec

③ Preview

  Snapshot
  Snapshot
④
  5

  Capture
⑤ Start
  Stop
  Capture audio

⑥ Exit