

HydraVision.tv
— AiO CHANNEL CLIENT —



HydraVision AiO Channel Client






Hardware Manual

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Safety

Thank you for choosing our product. Before you start the unit, please make sure you follow the instructions below:

-  Electric shock danger. Do not remove cover!
-  This unit contains no user serviceable parts inside, do not open the cabinet, refer repair to Hydravision Holdings LTD only.
-  Prepare a dry and stable working environment with sufficient air flow.
-  Always disconnect the device from the power outlet before operation.
-  Keep the device away from dangerous areas, such as heat source, humid air and water.

Other Statements

Copyright and Change

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In no event shall Hydravision Holdings LTD be held liable for any loss, expenses or damages of any kind whatsoever, whether direct, indirect, incidental or consequential, arising from the design or use of this product or the support materials supplied with this product. If this product proves to be defective, Hydravision Holdings LTD is only obliged to replace or refund the purchase price at Hydravision Holdings LTD's discretion according to their Terms and Conditions of Sale.

Trademarks

All the brand and product names are trademarks of their respective companies.

CE Regulatory

This product meets the essential protection requirements of the European EMC Directive (89/336/EEC) and its amending Directives, and the Low Voltage Directive 73/23/EEC, and is eligible to bear the CE mark.

Warning:

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

FCC Regulatory

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

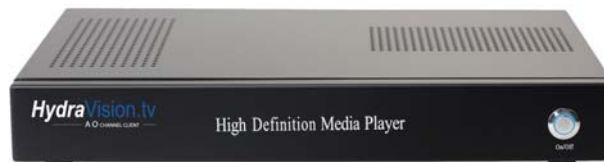
Warning:

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Hydravision AiO Channel Client Package list

Contents	Quantity
Hydravision AiO	1
Power lead	1
DVI/HDMI adapter	1
Manual	1

Hydravision AiO Channel Client Overview



The Hydravision AiO Channel Client is a compact high-definition media player based on AMD-Athlon™ 64x2 dual processors specifically designed to drive HD-ready LCD, plasma and other large HD-ready or standard display-panels for multi-tasking. The unit as a high-definition media player needs only a power connection and a display. This ultra compact media player has the option of mounting bracket designed to be attached to the back of any flat panel TV screen. AiO Channel Client supports resolutions of 720p, 1080i.



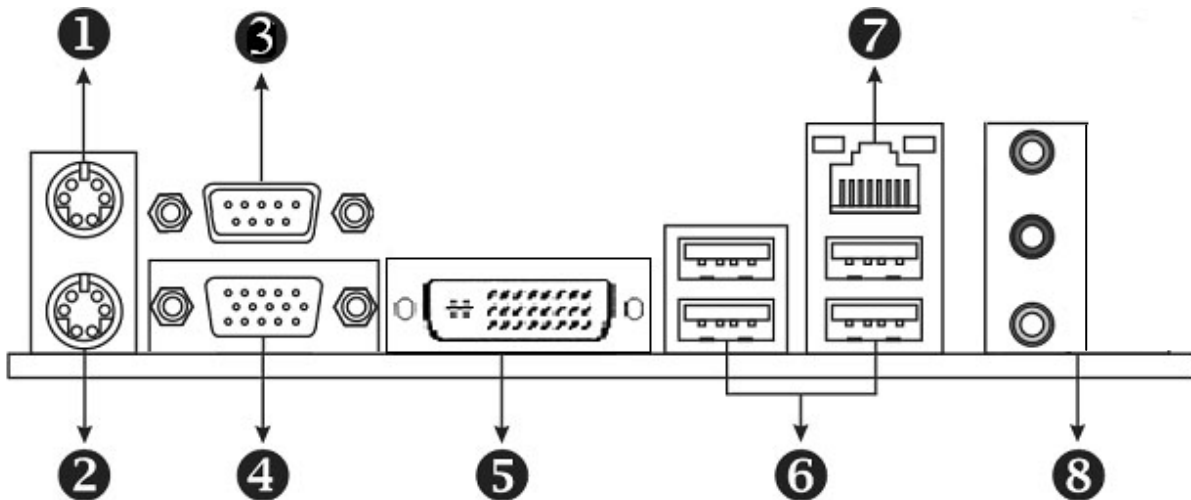
The AiO Channel Client uses a T780G M2+ mother board employing AMD® 780G chipsets supporting AMD Athlon™ 64x2 processors with PCI Express 3GIO Bus Supports Hyper Transport and Cool-n-Quiet up to 1 GHz Bandwidth. Memory is 1024MB of ultra fast DIMM DDR2 667 DRAM with options up to 4GB. Storage is provided by a single 120GB 3½-inch SATA II 3Gb/s hard disk drive.

The graphic controller integrated AMD® 780G Chipset supports Microsoft® DirectX 9.0 for VGA/DVI output with resolution of 720p, 1080i.

High Definition Audio (HDA) brings consumer electronics quality sound to the PC delivering high quality sound from multiple channels. Using HDA can deliver stunning 192kHz/32-bit quality supporting the latest audio formats.

The AiO Channel Client may be mounted on the back of LCD or plasma display, or separately to suit the particular installation. Mounting kits are optional for LCD or plasma displays, wall or desktop.

The following shows the rear panel connections for AiO Channel Client.



1. **PS/2 Mouse Port**
2. **PS/2 Keyboard Port**
3. **RS-232 Port**
RS-232 serial communication port.
4. **D-Sub VGA Port**
Transmits analogue video signals to a computer monitor or any other display panel equipped with D-Sub VGA input. It cannot work simultaneously with HDMI port.
5. **Special DVI and audio output port**
A special DVI socket output which also carries audio signals and, with the help of a converter, will provide HDMI signals to connect a TV.
6. **USB 2.0 Port x 4**
7. **RJ-45 LAN Port**
8. **Audio Jack x 3**

Port	2-Channel	4-Channel	6-Channel / 8-Channel
Blue	Line-in	Line-in	Line-in
Green	Line-out	Front Speaker Out	Front Speaker Out
Pink	Mic In	Mic In	Mic In

AiO Channel Client Specification

Mother board	BIOSTAR TA780G M2+
CPU	AMD Socket AM2 Athlon™ 64x2 4400+ (2.3GHz)
Chipset	AMD® 780G
HT	HT 2 G
Memory	1024MB RAM, shared with video memory Supports Dual Channel DDR2 667 MHz 4 x DDR2 DIMM Memory Slot Max. Supports up to 4GB Memory
Graphics Controller	Integrated ATI Radeon HD3200 Chipset Max Shared Video Memory is 512MB
BIOS	Phoenix-Award BIOS 6.0 with dual BIOS (main + backup)
Integrated Video	ATI Radeon HD3200 GPU, On Board Graphic Max. Memory Share Up to 512MB
LAN	Realtek 8168C/8111C on-chip, supporting 1000/100/10M bps
Audio	ATI 791A Realtek High Definition Audio
Storage	1 x 120GB 3½" SATA II hard disk drive
External I/O	1 x PS/2 Mouse 1 x PS/2 Keyboard 1 x Standard VGA Port 4 x USB 2.0 ports 1 x RS232 port 1 x DVI port 3 x Audio connectors 1 x RJ-45 10/100/1Gb Base-T Ethernet LAN connector.
Watch Dog	1 x Hardware watch dog
Indicators	Power On switch and indicator
System Management	CPU temperature monitoring, system temperature monitoring, and voltage monitoring of Vcore, +3.3V, +5V, +12V, -12V are all available to the application for monitoring and reporting.
Power Requirements	Auto-ranging 110 -240V / 4 – 2A / 60 -50Hz, with IEC320 power inlet.
Environmental Conditions	Operating temperature range +5 °C to +40 °C in free air. Storage temperature range -20 °C to +70 °C Relative Humidity 10-85% non-condensing. Shock and vibration compatible with light industrial usage.
Dimensions	360 x 240 x 45 mm

Quick Start

First make sure you switch off the power supply and make sure the AiO Channel Client is placed on a dry and stable flat platform. Connect the display to the DVI/VGA connector and connect any other signals, e.g. LAN. Connect a PS/2 mouse and keyboard to the unit if necessary. Connect the power lead to a suitable AC power source. Press the 'Power On' button and check that the unit boots up.

Please also refer to the related Hydravision manuals.

Motherboard

Precaution

AiO Channel Client has no user serviceable parts inside, do not open the cabinet, refer repair to Hydravision Holdings LTD only. Please note; opening the unit and upgrading the devices inside by the customer will void the Products Warranty.

AWARD BIOS beep code

Beep Sound	Meaning
One long beep followed by two short beeps	Video card not found or video card memory bad
High-low siren sound	CPU overheated, system will shut down automatically
One Short beep when system boot-up	No error found during POST
Long beeps every other second	No DRAM detected or installed

Products Warranty

All Hydravision Holdings LTD products are warranted against defective materials and workmanship for a period of twelve (12) months from the original date of purchase. In the event that warranty service is required, you should return the product to the Hydravision Holdings LTD.

WARRANTY CONDITIONS

The warranty does not cover damage deriving from:

Improper and incorrect use.

Non-observance of instruction and cautions.

Incorrect installation, maintenance and transportation.

Any other circumstances that cannot be linked to manufacturing defects.

Hydravision Holdings LTD declines all responsibilities for any damage that may be caused, directly or indirectly, to people, property as consequences of failure to respect all the indications contained in the Instructions manual.

AUTHORISED SERVICE

In the event of malfunction only contact Hydravision Holdings LTD. Costs related to the shipment and/or transport of the Hydravision Holdings LTD product will be charged to the purchaser.

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