

HT7200 HDBaseT™ Multimedia Player

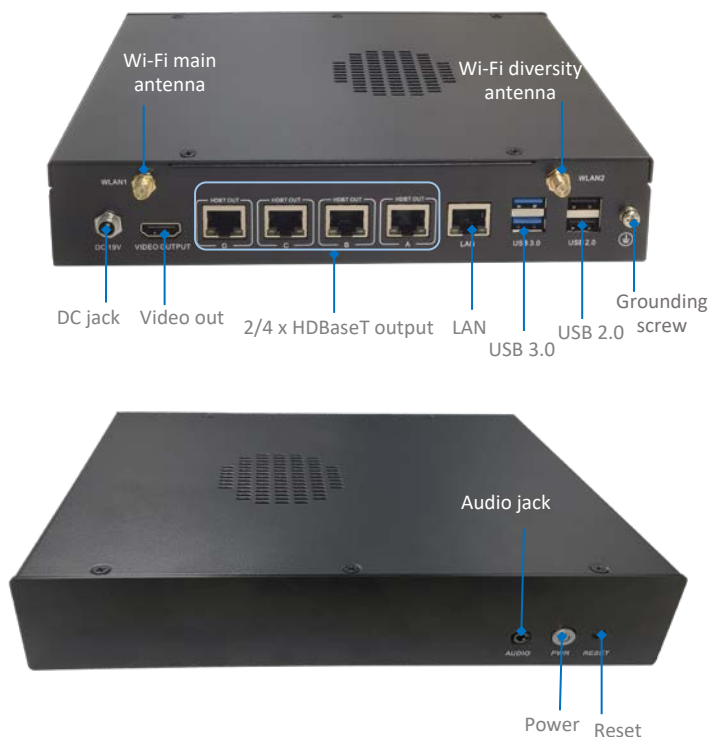


Product Brief

Vantron HT7200 HDBaseT™ multimedia player provides a long-distance data transmission solution over the HDBaseT output jacks that deliver uncompressed video signals with resolutions up to 4K ultra-HD. HT7200 is powered by Intel® Core™ i7 processor and provides two DDR4 SO-DIMMs for a maximum of 64GB memory and a default 128GB storage.

HT7200 offers up to four HDBaseT output interfaces that support a transmission distance of up to 100 meters without compromising speed or efficiency. The anti-interference design ensures high-quality video and audio signals remain free from interference during transmission, while also maintaining data consistency without latency. It offers Ethernet, Wi-Fi, and Bluetooth for communication, and the USB ports allow for the connection of diverse peripherals for different purposes. Moreover, the VESA pattern on the bottom of the device enables flexible installation at the desired location, making it highly suitable for use in scenarios such as medical imaging, surveillance systems, video walls, and digital signage.

Exterior and Features



HT7204 for illustration

HT7200



Intel® Core™ i7 processor

HDBaseT™

Uncompressed data without latency



Up to 100M transmission distance



4K UHD video output



Wi-Fi/BT/ETH for communication



USB 2.0 & USB 3.0

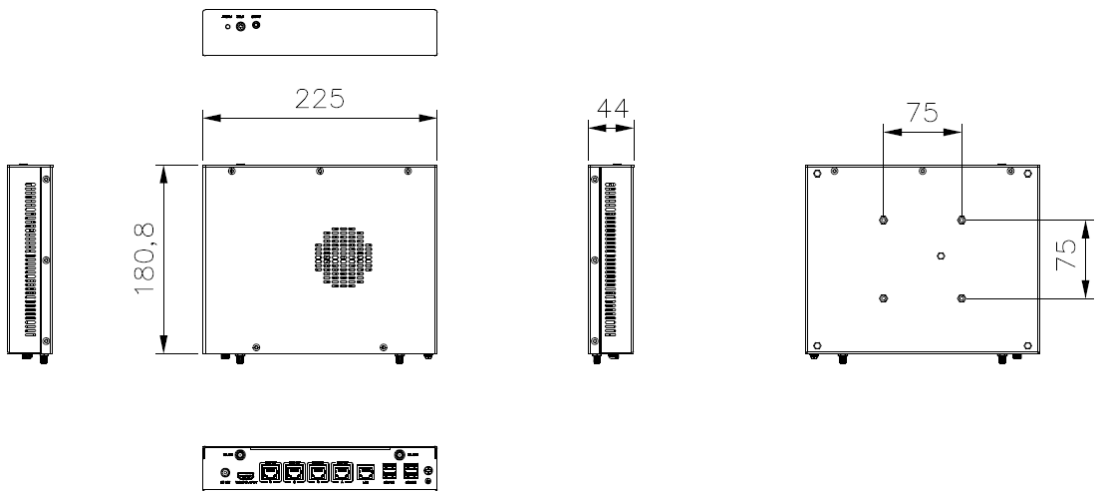


VESA pattern for flexible installation

HT7200 HDBaseT™ Multimedia Player Datasheet

| HT7200 | | |
|-----------------------|------------------|---|
| System | CPU | Intel® Core™ i7-1195G7 4C8T TDP 12~28W, up to 4.4GHz |
| | GPU | Intel® Iris® Xe Graphics |
| | Memory | 2 x DDR4-3200 SO-DIMM socket, 8GB (up to 64GB) |
| | Storage | 128GB SSD (M.2 M-key 2280) |
| Communication | Ethernet | 1 x RJ45, 10/100/1000Mbps |
| | Wireless | Wi-Fi 802.11 a/b/g/n/ac + BT 5.0 |
| I/Os | Media | 2/4 x RJ45, HDBaseT output (up to 3840 x 2160 @30Hz) |
| | | 1 x HDMI 1.4 (up to 3840 x 2160 @30Hz) |
| | | 1 x 3.5mm Combo audio jack |
| | USB | 2 x USB 3.0 Type-A 2 x USB 2.0 Type-A |
| | Antenna | 2 x SMA connector |
| | RTC | Supported |
| | Watchdog timer | Hardware WDT |
| System Control | Button | 1 x Power button with LED indicator 1 x Reset button |
| Software | OS | Windows 10 IoT (Optional: Linux) |
| Power | Input | 12V ~ 24V 5A |
| | | 1 x DC jack |
| Mechanical | Dimensions | 225mm x 180.8mm x 44mm |
| | Installation | VESA (75mm x 75mm, M3 x 6mm) |
| | Heat dissipation | Fan |
| Environment Condition | Temperature | Operating: 0°C ~ +40°C Storage: -20°C ~ +60°C |
| | Humidity | Operating: 10%~90% RH (non-condensing) Storage: 5%~95% RH (non-condensing) |
| | Certification | CE, FCC, CCC |

Product Outlines



Ordering Information

| Ordering No. | CPU | HDBaseT (RJ45) | Memory + Storage | Communication |
|--|---------------------------|----------------|------------------|-----------------------|
| HT7202 | Intel® Core™ i7 processor | 2 | 8GB + 128GB | Wi-Fi & BT + Ethernet |
| HT7204 | Intel® Core™ i7 processor | 4 | 8GB + 128GB | Wi-Fi & BT + Ethernet |
| * More variants are available, please contact the sales executive for details. | | | | |

| Packing list | |
|----------------------------------|---|
| HT7200 HDBaseT Multimedia player | 1 |
| Qualified certificate | 1 |
| Wi-Fi & BT antenna | 2 |

| Optional accessories | |
|----------------------|---|
| 12V DC power adapter | 1 |
| AC power cord (US) | 1 |

Since its establishment in 2002 by two Silicon Valley entrepreneurs, Vantron Technology has been at the forefront of the connected IoT devices and IoT platform solutions. Today, Vantron boasts a global customer base that includes several Fortune 500 companies. Its product lines cover edge intelligent hardware, IoT communication devices, industrial displays and BlueSphere cloud device management platform.

With over 20 years of experience in R&D of embedded edge intelligent hardware, Vantron has provided users with diverse embedded solutions featuring ARM and X86 architectures. Its offerings range from Linux to Windows, from embedded to desktop level, and from gateway to server. In addition, it provides users with system clipping, driver transplantation and other related services.