Atrust
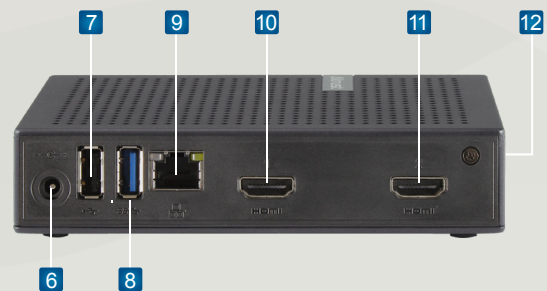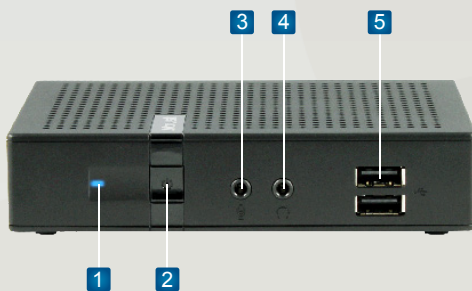
Thin Client
Atrust t76W

Atrust t76W is a Windows Embedded OS based thin client device especially designed for a client/server computing environment. Developed by Atrust, the ACS (Atrust Client Setup) software is also built in to help effective management of t76W. With the support of Citrix® ICA/HDX™, Microsoft® RDP™ with RemoteFX™ and VMware® Horizon View™, t76W can be used to create virtual and session-based desktop experiences from many remote desktop capable operating systems. t76W offers a rich computing experience where applications look, feel, and behave as local devices, including high-definition multimedia content.

1 Power LED
Indicates the status of power.

2 Power Button
Press to turn on/off the client.

3 Microphone Port
Connects to a microphone.

4 Headphone Port
Connects to a headphone or a speaker system.

5 USB 2.0 Port x 2
Connects to a USB device.

6 DC IN
Connects to an AC adaptor.

7 USB 2.0 Port
Connects to a USB device.

8 USB 3.2 Gen 1 Port
Connects to a USB device.

9 LAN Port
Connects to a host server through a LAN switch.

10 HDMI Port 1
Connects to a monitor.

11 HDMI Port 2
Connects to a monitor.

12 Kensington Lock Slot
Attach the t76W to a permanent object with the Kensington slot and a security cable.

Atrust t76W Features

Low total cost of ownership
Additional computing access is as simple as adding more I/O devices. The total cost of ownership is then drastically reduced.

Slim and quiet design
The slim design allows it to be mounted to the back of a monitor with a VESA mount. Together with its fanless design, t76W helps create a simple and noiseless workplace environment.

Simple click and play
t76W connects to the host server with a Remote Desktop connection. Just click the shortcut for a Remote Desktop session, you can immediately start a session and enjoy the computing resources.

Rich remote user experience
With Citrix® ICA/HDX™, Microsoft® RDP™ with RemoteFX™ and VMware® Horizon View™, t76W can provide a rich, efficient, and "local" computing experience for remote users.

Easy management and maintenance
Since all computing tasks are mainly performed on a server, all hardware and software issues are significantly reduced on the client side. All user management, software installations, system management, and upgrades are done on a single server.

Atrust t76W

System	
Processor	Intel® Braswell Quad Core X5-E8000 1.04G (Burst to 2.0G)

Memory	
System memory	4GB
Flash memory	32GB (Manufacturing option: 64GB)

Graphics	
Maximum resolutions	Up to 2560 x 1600@60Hz, 3840 x 2160@30Hz

I/O Interfaces	
I/O ports	Front: 2 x USB 2.0, 1 x Audio out, 1 x Microphone port, Rear: 1 x USB 2.0, 1 x USB 3.2 Gen 1, 2 x HDMI, 1 x RJ-45, 1 x DC IN, 1 x Kensington lock slot

Networking	
Ethernet	10/100/1000Mb

Dimensions / Weight	
Dimensions	(W) 135 x (D) 93 x (H) 29 mm
Weight	294 g (approximate)

Environment	
Cooling	Fanless
Operating noise	No noise
Operating temperature	0℃ ~ 35℃
Non-operating temperature	-20℃ ~ 60℃
Operating humidity (Rh)	10% ~ 90% (non-condensing)
Non-operating humidity (Rh)	5% ~ 95%

AC Adaptor	
Operating voltage range	100 ~ 240 VAC
Rated line frequency	50 ~ 60 Hz
Rated output current (max)	3A
Output voltage	+5V DC

Software	
Operating system	Windows® 10 IoT Enterprise 2019 LTSC
Management	Atrust Device Manager (ADM) / Atrust Client Setup (ACS)
Protocols	Citrix® ICA/HDX™, Microsoft® RDP™ with RemoteFX™, VMware® Horizon View™
Regulatory	CB, NRTL, FCC, CE, VCCI, BSMI
Options	VESA Mount