



Thin Client **Atrust t176W**

Atrust t176W is a Windows® Embedded OS based thin client computer. Developed by Atrust, the ACS (Atrust Client Setup) software is also built in to help effective management of t176W. With the support of Citrix® ICA/HDX™, Microsoft® RDP™ with RemoteFX™ and VMware® Horizon View™, t176W can be used to create virtual and session-based desktop experiences from many remote desktop capable operating systems. t176W 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 Kensington Lock Slot**
Connects a Kensington cable to secure the thin client.
- 7 DisplayPort**
Connects to a monitor.
- 8 DisplayPort**
Connects to a monitor.
- 9 USB 3.2 Gen 1 Port x 2**
Connects to a USB device.
- 10 LAN Port**
Connects to a host server through a LAN switch.
- 11 DC IN**
Connects to an AC adaptor.



Atrust t176W Features

- ▶ Dual display support
- ▶ Durable and quiet design
- ▶ Simplified management
- ▶ Slim and robust design
- ▶ Low power consumption
- ▶ Lower total cost of ownership (TCO)
- ▶ Supported Protocols
t176W supports the following protocols:
Citrix® ICA/HDX™, Microsoft® RDP™ with RemoteFX™, VMware® Horizon View™

Atrust t176W

System	t176W
Processor	Intel® Braswell Quad Core 1.04GHz (Turbo 2.0G)
Memory	
System memory	4GB (Manufacturing option : 8GB)
Flash memory	32GB
Graphics	
Maximum resolution	Up to 2560 x 1600 @60Hz, 3840 x 2160@30Hz
I/O Interfaces	
I/O ports	Front: 2 x USB 2.0, 1 x Microphone port, 1 x Headphone port, Rear: 2 x DisplayPort, 2 x USB 3.2 Gen 1, 1 x RJ-45, 1 x DC IN, 1 x Kensington lock slot
Networking	
Ethernet	10/100/1000Mb
Dimensions / Weight	
Dimensions	(W) 39.5 x (D) 103 x (H) 143 mm
Weight	442g (approximate)
Environment	
Cooling	Fanless
Operating noise	No noise
Operating temperature	5°C ~ 35°C
Non-operating temperature	-30°C ~ 60°C
Operating humidity (Rh)	10% ~ 90% (non-condensing)
Non-operating humidity (Rh)	5% ~ 95% (non-condensing)
AC Adaptor	
Operating voltage range	100 ~ 240 VAC
Rated line frequency	50 ~ 60 Hz
Rated output current (max)	3A
Output voltage	+12V DC
Software	
Operating system	Windows® 10 IoT Enterprise 2016 LTSB Windows® 10 IoT Enterprise 2019 LTSC * 4GB system memory / 16GB flash memory is the minimum requirement for Windows® 10 IoT for Thin Clients
Management	Atrust Device Manager (ADM) / Atrust Client Setup (ACS)
Protocols	Citrix® ICA/HDX™, Microsoft® RDP™ with RemoteFX™, VMware® Horizon View™ (PCoIP/RDP/Blast)
Manufacturing options	WiFi * The dimensions would become (W) 39.5 x (D) 103 x (H) 151 mm if goes with WiFi.

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