

Atrust 15" Mobile Thin Client mt189W



1 WebCam

Built-in web camera.

2 Power Button / LED

Press to turn on the client / Indicates the status of power on.

3 Keyboard

Built-in keyboard for control and input.

4 Touchpad

Built-in pointing device for control and input.

5 Speakers

Built-in Speaker for audio output.

6 USB-A Port (USB 2.0) X 2

Connects to a USB device.

7 DC IN

Connects to an AC adapter.

8 HDMI® Port

Connects to external display.

9 USB-A Port (USB 3.2 Gen 1)

Connects to a USB device.

10 USB-C Port (USB 3.2 Gen 2)

Connects to a USB device, Support USB-C charging / display.

11 Audio Combo Jack

Headphone / Microphone Combo.

12 Battery LED

Indicates the status of charging the battery.

Atrust mt189W Features

Low total cost of ownership

Additional computing access is as simple as adding more thin client devices. The total cost of ownership is then drastically reduced.

Simple click and play

Connects this device to the host server with a Remote Session 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

Support Citrix® HDX / ICA™, Microsoft® RDP™ with RemoteFX™ and Omnissa Horizon®, Microsoft® Remote Desktop for Azure Virtual Desktop and Windows 365, this device can provide a rich and efficient computing experience.

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 mt189W Mobile Thin Client

System

Processor	AMD Ryzen™ Embedded R2314 (Manufacturing option : R2312)
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Memory

System Memory	8 GB (Manufacturing option : 16 GB)
Storage	64 GB (Manufacturing option : 128 GB / 256 GB)

Display

LCD Type / Resolution	15" / 1920 x 1080 FHD, LED backlit
HDMI® Port	Up to 4096 x 2160 @ 60Hz
Type-C Display	Up to 3840 x 2160 @ 60Hz

I/O Interfaces

I/O Ports	1 x HDMI® Port, 1 x USB-A Port (USB 3.2 Gen 1), 2 x USB-A Port (USB 2.0), 1 x USB-C Port (USB 3.2 Gen 2), 1 x Audio Combo Jack, 1 x WebCam, 2 x 2W Internal Speaker, 1 x Internal Microphone, 1 x DC IN
Keyboard	LED backlit keyboard
Touch Pad	Click button integrated touchpad

Networking

Ethernet	USB-A Port (USB 3.2 Gen 1) to Gigabit Ethernet Adapter
Wireless	802.11 a / b / g / n / ac / ax

Dimensions / Weight

Dimensions	(W) 359 x (D) 241 x (H) 19.9 mm
Weight	1.93 kg (approximate)

Environment

Operating Temperature	5°C ~ 35°C
Non-operating Temperature	-20°C ~ 60°C
Operating Humidity (Rh)	10% ~ 90% (non-condensing)
Non-operating Humidity (Rh)	5% ~ 95% (non-condensing)

Power

USB Type-C	65W USB-C Power Adapter, 20V / 3.25A
AC Adapter	19V, 65W, 3.42A (Optional)
Battery Capacity	52.4 WHrs, 3S1P, 3-cell Li-ion, Average Time : 6 h (approximate)

Software

Operating System	Windows® 11 IoT Enterprise LTSC 2024
Management	Atrust Device Manager (ADM) / Atrust Client Setup (ACS)
Protocols	Citrix® ICA / HDX™, Microsoft® RDP™ with RemoteFX™ Microsoft® Remote Desktop for Azure Virtual Desktop and Windows 365 Omniassa Horizon®

Security

TPM	fTPM 2.0 (Manufacturing option : dTPM 2.0)
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