

## SPECIFICATIONS

System	
Processor	AMD Sempron™, 1.6GHz/ Turion™, 2.1GHz Dual-Core
GPU	ATI Radeon X1270
Memory (RAM)	1GB or 2GB
Storage	4GB to 16GB Flash or HDD
Operating Systems	Microsoft® Windows® XP Embedded or Windows® XP Pro
Display Resolution	Up to 1920 x 1080
Network Interface	10/ 100/ 1000Mb BaseT LAN; Wi-Fi 802.11a/b/g or Wi-Fi 802.11a/b/g/n (optional)
Expansion	PCI Express; USB
Input/Output Ports	1 S-video input; 1 Composite input; 1 VGA port; 1 HDMI port; 1 COM port; 18.5V DC-in jack; 3 Audio jacks (Microphone-in, Line-in, Headphone-Out jacks); 2 USB 2.0 ports; RJ45 connector for Ethernet; Wi-Fi dipole antenna (optional)
Power	
AC/DC Adapter	<b>Input:</b> 100 – 240V AC; <b>Output:</b> 18.5V DC
Mechanical	
Enclosure	Aluminum + steel
Dimensions (H x W x D)	2.16 x 5.82 x 6.5 in/ 55 x 148 x 165.1 mm
Weight	3.16 lbs/ 1430 g
Environmental	
Regulatory	FCC Class B, CE, C-Tick, UL, RoHS compliant
Temperature	<b>Operation:</b> 0°C - 40°C; <b>Storage:</b> -20°C - 60°C
Humidity	0% - 90% non-condensing

\* Specifications subject to change without notice.



# Thin Client/ Embedded Controller

## WebDT 170

### BASIC OPERATION GUIDE

#### ENGLISH



#### INTRODUCTION

Thank you for acquiring the latest addition to DT Research's line of thin client devices - the WebDT 170, featuring compact and robust construction powered by the high-performance and energy efficient AMD processor. The WebDT 170 supports major embedded operating systems as well as Microsoft® Windows® XP Embedded or Windows® XP Pro and provides complete solutions for a variety of computing needs. The user is offered a choice of software solutions on a platform characterized by the following:

- High-integration and energy-efficient processor technology
- Expanded graphics capabilities for multimedia applications
- Robust construction for reliable operation
- Cost-effective computing in compact and versatile packaging



#### Package Contents

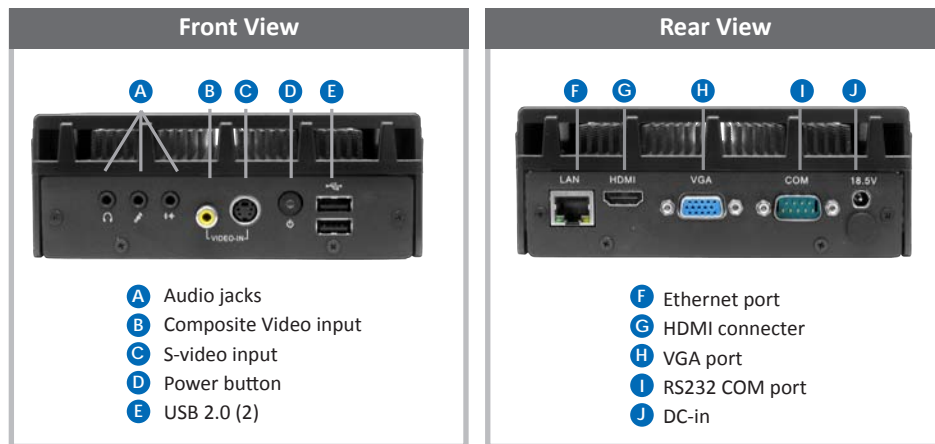
- 1 WebDT 170
- 2 AC/DC Power Adapter
- 3 VESA Bracket
- 4 Basic Operation Guide

**Note:** The actual package contents may vary depending on the configuration acquired.

## Precautions

- Always exercise care when operating and handling the WebDT 170.
- Never disassemble any portion of the enclosure. It will void any product warranty on the WebDT 170.
- Do not use any AC/DC adapter other than the one provided with the device or acquired from the manufacturer or its partners.
- In the unlikely event that smoke, abnormal noise, or strange odor is present, immediately power down the WebDT 170 and disconnect all power sources. Please report the problem to your device provider immediately.

## THE WebDT 170



## Powering ON and OFF

The Power Button is located in the front of the WebDT 170. The Power Button may be configured to function differently depending on the operating software. In general, to turn the WebDT 170 on, push and release the Power Button on the front bezel. The adjacent power LED will be lit (blue) and the corresponding interface will be displayed on the display monitor.

To turn off the device, again depending on software operating system, push and release the Power Button or use a software shutdown interface.

In the event of system lockup, the Power Button may be used to perform a reset on the device. To do that, push and hold the Power Button for at least 4 seconds. The system will shut down and all unsaved work may be lost. Pushing on the Power Button again will restart the device.

## Device Ports

The WebDT 170 features an optimal set of I/O ports while preserving the compact size of the system. The HDMI connector, S-Video, Composite video, Network (10/100/1000 BaseT Ethernet), and Power ports are supplemented by a set of two USB 2.0 and three Audio ports.

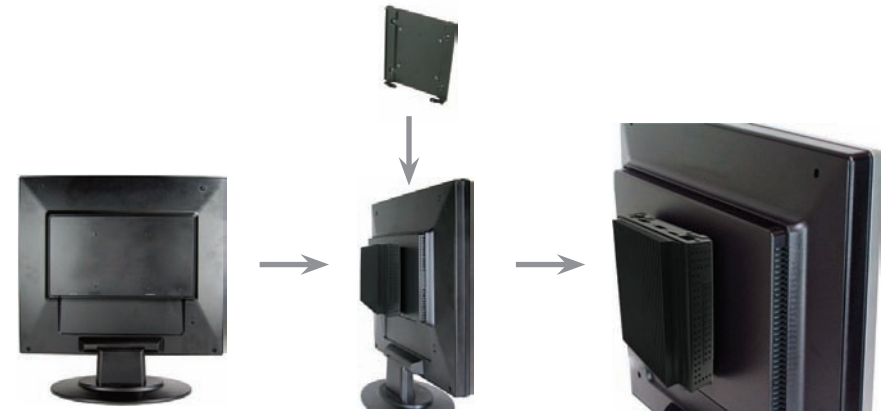
Through its USB ports, the WebDT 170 supports a wide range of USB-based peripherals. These peripherals are applicable in providing the means for software installation, application storage, data storage, and system software recovery and updates.

## Memory and Storage

The WebDT 170 may be available in storage configurations ranging from 4GB to 16GB of flash memory or HDD. Depending on base software configuration, the user may use the internal memory of the WebDT 170 for user's installed software and storage. The user may also supplement storage space with USB-based peripherals such as flash disks, disk drives, etc.

RAM capacity ranges from 1GB to 2GB, depending on the processor platform.

## VESA Mounting Bracket Installation for WebDT 170



It is quite simple to mount the WebDT 170 to VESA adapters or LCD monitors using the external mounting bracket.

## Options

The WebDT 170 is designed to work with a range of custom and off-the-shelf options to enhance its applicability for various deployments.

- Built-in PCI Express wireless LAN, with external antenna
- Bracket and Cable for Internal HDD Mounting