## Options

The WebDT 133 is designed to work with a range of custom and off-the-shelf options to enhance its applicability for various deployments.

- Built-in wireless LAN, with external antenna
- Bracket and Cable for Internal SSD Mounting

## SPECIFICATIONS

| | |
|---|---|
| **System** | |
| **Processor** | Intel® Atom™ N270, 1.6GHz |
| **GPU** | NVIDIA® ION™ |
| **Memory (RAM)** | 2GB |
| **Storage** | 8GB Flash or 32GB to 64GB SSD |
| **Operating Systems** | Microsoft® Windows® XP Embedded, Windows® XP Pro, or Windows® Embedded Standard 7 |
| **Display Resolution** | Up to 2560 x 1600 |
| **Network Interface** | 10/ 100/ 1000Mb BaseT LAN;<br>Wi-Fi 802.11a/b/g or Wi-Fi 802.11a/b/g/n (optional) |
| **Expansion** | PCI Express; USB |
| **Input/Output Ports** | 1 DVI port; 1 HDMI port; 1 COM port; 19V DC-in jack; 2 Audio jacks (Line-in, Headphone-out jacks); 4 USB 2.0 ports; RJ45 connector for Ethernet; Wi-Fi dipole antenna (optional) |
| **Power** | |
| **AC/DC Adapter** | **Input:** 100 – 240V AC; **Output:** 19V 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** | 2.9 lbs/ 1316 g |
| **Environmental** | |
| **Regulatory** | FCC Class B, CE, C-Tick, RoHS compliant |
| **Temperature** | **Operation:** 0˚C - 40˚C; **Storage:** -20˚C - 60˚C |
| **Humidity** | 0% - 90% non-condensing |

* Specifications subject to change without notice.

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BOG012411DT133ENG



Thin Client/
Embedded Controller

# WebDT 133

## BASIC OPERATION GUIDE

ENGLISH

## INTRODUCTION

Thank you for acquiring the latest addition to DT Research's line of thin client devices - the WebDT 133, featuring compact, robust construction powered by the high-performance and energy efficient Intel® Atom™ processor. The WebDT 133 supports major embedded operating systems as well as Microsoft® Windows® XP Embedded, Windows® XP Pro, or Windows® Embedded Standard 7 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, fanless construction for reliable operation
- Cost-effective computing in compact and versatile packaging


## Package Contents

1. WebDT 133
2. AC/DC Power Adapter
3. VESA Bracket
4. Basic Operation Guide

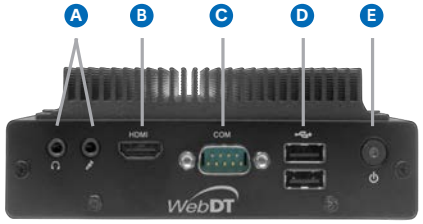
Note: The actual package contents may vary depending on the configuration acquired.

## Precautions

- Always exercise care when operating and handling the WebDT 133.
- Never disassemble any portion of the enclosure. It will void any product warranty on the WebDT 133.
- 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 133 and disconnect all power sources.
- Please report the problem to your device provider immediately.

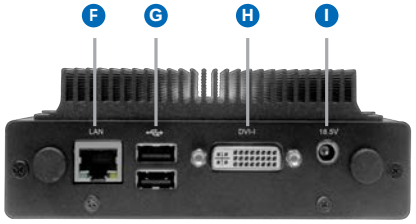
## THE WebDT 133

**Front View**




- A Audio jacks
- B HDMI port
- C RS232 COM port
- D USB 2.0 (2)
- E Power button

**Rear View**




- F Ethernet port
- G USB 2.0 (2)
- H DVI-I port
- I DC-in

## Powering ON and OFF

The Power Button is located in the front of the WebDT 133. The Power Button may be configured to function differently depending on the power options of the operating system. In general, to turn the WebDT 133 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 133 features an optimal set of I/O ports while preserving the compact size of the system. The HDMI connector, Network (10/100/1000 BaseT Ethernet), and Power ports are supplemented by a set of four USB 2.0 and two Audio ports. Through its USB ports, the WebDT 133 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 133 may be available in storage configurations 8GB of fash memory or 32GB to 64GB SSD. Depending on base software configuration, the user may use the internal memory of the WebDT 133 for user's installed software and storage. The user may also supplement storage space with USB-based peripherals such as fash disks, disk drives, etc. RAM capacity is 2GB.

## VESA Mounting Bracket Installation for WebDT 133

**Step1:**

- Locate the existing mounting holes on the monitor.
- Line the bracket holes up with the holes on the back of the monitor, as shown to the right.
- Place the screws to hold the mounting bracket in place and tighten the screws (do not over-tighten).

**Step2:**

- Remove the two M3 screws (3) originally on the WebDT 133 signage appliance.
- Place the WebDT 133 (2) on the bracket rail with the interface ports side facing downwards so that the two mounting holes on the appliance are aligned with the existing holes on the rail (see picture).

**Step3:**

- Apply and tighten the screws into their original locations and make sure that the bracket and the WebDT 133 are properly secured.