

Modular Thin Platform for Embedded Applications

Cost-Effective Computing in a Compact and Rugged Package

WebDT 166

DT Research (DTR) designs, develops, and manufactures a comprehensive product line of network-ready information appliances, enabling access to the Internet and Intranet, anytime, anywhere. The new *WebDT 166* adds to DTR's offering of innovative and practical solutions, that targets a wide range of applications, leveraging cost-effective and manageable platforms.



THE PRODUCT

The *WebDT 166* features the integration of the energy efficient, yet powerful AMD Geode™ GX533 and LX800 processor technology into a most compact and robust enclosure. The space-saving package accommodates accessories and peripherals to address a range of usage requirements. The software operating systems support server- and browser-based computing in addition to local, embedded applications. The versatility in hardware and software makes the device compelling for numerous vertical deployments leveraging network access and custom software.

FEATURES

- support for major Embedded operating systems and Windows XP
- integrates major thin-client/server computing protocols (Citrix ICA, Microsoft RDP), terminal emulation suite; and web browsers
- amenable to comprehensive and easy remote device administration through DTR's server-based Remote Manager software
- configurable for thin-client/server computing; or browser-based computing; or local application shell
- small form factor for space-saving, desktop and mounted deployments
- flash memory based and hard drive (HDD) based systems available
- custom bracket for VESA mounting to LCD displays and VESA mounts
- available options for USB wireless networking; USB to Serial and PS/2 ports; internal HDD mounting and cabling

APPLICATIONS

The *WebDT 166*, like other members in the *WebDT* product family, finds application in a variety of industries, including:

- **Server-based Computing**
- **Education**
- **Web-based Applications**
- **Healthcare**
- **Inventory & Warehousing**
- **Service Industry**
- **Control & Monitoring**
- **Manufacturing**
- **POS Systems Integration**
- **Hospitality**



SPECIFICATIONS

| | |
|----------------------------|---|
| Processor | AMD Geode™ GX 533 or AMD Geode™ LX 800 |
| Display Resolution | Up to 1600 x 1200 (GX) Up to 1920 x 1440 (LX) |
| Memory (flash) | 64MB – 4GB |
| Memory (RAM) | 128MB – 256MB (GX) 128MB – 1GB (LX) |
| Software Operating Systems | Windows CE; Windows XP Embedded; Windows XP Professional; Embedded Linux Thin Client |
| Storage | Internal flash module; Internal HDD; External USB |
| Enclosure | Aluminum chassis; ABS Plastic end-caps |
| AC/DC adapter | Input: 90-240VAC Output: 12VDC, 1.2A |
| Power Plugs | USA, EU, UK |
| Control Buttons | One (1) front Power button |
| Input/Output Ports | 12V DC-in Jack; Microphone-In; Audio-Out Jack; USB 1.1 Ports (4); 10/100 BaseT Ethernet; VGA |
| Expansion | USB |
| Dimensions (H x W x D) | 1.4 x 5.5 x 5.1 (in) 35 x 140 x 130 (mm) |
| Base Weight | 0.88lb (400g) |
| Regulatory | FCC Class B, CE |
| Operating Temp. | 0° – 40°C |
| Humidity | 0% – 90% non-condensing |



HIGHLIGHTS

- High-integration and energy-efficient processor technology
- Robust and fan-less construction for quiet and reliable operation
- Low-cost computing in compact and versatile packaging

MAJOR OPTIONS

- External USB 802.11b wireless adapter
- USB-to-Serial and USB-to-PS/2 adapters
- Internal Bracket and Cable for Hard Disk Drive (HDD) Mounting
- External Bracket for Mounting to VESA adapters and LCD monitors
- Short VGA cable for connection to mounted display



STANDARD PACKAGE AND ACCESSORIES

- One (1) WebDT 166
- AC/DC Adapter
- Stand or Shoe for vertical placement
- Documentation

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