

## DT320 MOBILE & WIRELESS INTERNET APPLIANCE

### INTERNET ACCESS DEVICE FOR OEM & ODM



The **DT320** Wireless Internet Access Device by *DT Research* (DTR) is a LCD-based thin-client platform aimed at providing easy and efficient access with custom user-interface to a variety of applications and services over the Internet. The **DT320** is powered by Linux or Windows CE technology to deliver the responsive experience and stable environment expected of consumer and home appliances.

- The **DT320** Wireless Internet Access Device by *DT Research* (DTR) is an implementation of a thin-client platform in accessing a variety of services and applications over the Internet.
- The **DT320** Internet Access Device is part of DTR's comprehensive line of Information Appliances providing the flexibility to choose among operating systems, form and function, and physical platforms that best meet variation in need, environment and taste.
- The LCD-based **DT320** implements a 10.4-inch TFT display with integrated touchscreen support, comes with integrated 16-bit stereo sound capability, built-in speaker and microphone, and offers headphone, USB, and CompactFlash ports.
- The wireless LAN connectivity for the **DT320** is offered through a 2.4GHz frequency hopping spread spectrum technology, capable of supporting up to 11Mbps data rate (from 2Mbps) in the near future.
- Set-up of the **DT320** Internet Appliance and connection to the network are simple and rapid with its instant-on capabilities and simplified user interfaces.

*DT Research* has continually been in the forefront of system implementation of computing solutions. Through a number of OEM and ODM relationships, DTR has contributed to the widespread distribution of portable computers and information appliances worldwide. The **DT320** Wireless Internet Access Device is another example of DTR's innovation, expertise, and experience in bringing system solutions to a dynamic, discriminating, and rapidly expanding market.



# DT320 MOBILE & WIRELESS INTERNET APPLIANCE

## Internet Access Device

### HIGHLIGHTS

- Linux operating system or WinCE 2.12/3.0 operating system
- TCP/IP-native OS is out-of-box fully Internet-compatible and compliant and PPP standard supports connections to ISPs
- Full-featured Netscape 4.7X browser (Linux) or Internet Explorer 4.0 browser (Windows CE)
- Plug-ins offer interaction, flexibility, and enhancement to the browsing experience, including improved graphics, streaming video and audio
- Java Virtual Machine supports use of platform independent applications
- Application support for chat and messaging
- Support for third party file viewing software for Microsoft Word and PDF file types
- Client side software to support: remote software upgrade; out-of-box ISP registration and initial login, and dialer setup
- 2.4 GHz wireless LAN communication
- Functions with base-stations for home/office Internet access
- Displays 16-bit colors, 800x600 SVGA, and up to 85 Hz flicker free refresh with touchscreen display support
- Integrated touchscreen display with "Soft" keyboard support
- Full 16-bit audio with stereo; USB printer support
- Long battery life for hours of mobility
- Fast charge with AC-DC adapter directly connected to mobile unit
- Quiet and reliable fanless operation with no moving parts
- Cradle for support

### KEY FEATURES

#### DT320 Internet Appliance

- ❑ High performance NSC Geode GX1 300 MHz Processor
- ❑ Processor-integrated high-end video graphics
- ❑ Full 16-bit stereo capability
- ❑ 16 MB Flash Memory minimum; 32MB SDRAM minimum
- ❑ Full-featured Browser
- ❑ Custom user interface available

#### Netscape/IE Browser – Plug-ins

- JavaScript
- Macromedia Flash 4.0 (Netscape)
- RealNetworks RealPlayer G7 (Netscape)
- Microsoft MediaPlayer (Windows CE)
- Audio: MP3, WAV, AIFF, MIDI, AU
- CSS1, SS2
- HTML 4.0 (Netscape)

#### Display

- 10.4" TFT LCD with integrated touchscreen
- 800x600 SVGA resolution

#### Input/Output/Peripherals Support

- Microphone-In, Speaker
- USB, Headphone, CompactFlash

#### Networking and Communications

- 2.4 GHz Wireless LAN (FHSS)
- TCP/IP-native
- PPP (Point-to-Point protocol)

#### Client-Side Software for Remote Access/Control

- Support software upgrade mechanism from remote servers
- Enable remote ISP registration and initial login
- Dialer setup for Internet access

#### Approximate Dimensions

- Height: 9.5 in (24.2 cm)
- Width: 10.5 in (26.7 cm)
- Depth: 1.0 in (2.5 cm)

#### Approximate Weight

- 3 lbs. (not including AC/DC adapter and cradle)

#### Information

- For more information, including pricing, availability and detailed features, email [dtrinfo@dtresearch.com](mailto:dtrinfo@dtresearch.com); or write to:  
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