

The Info Terminal is equipped with an integrated Internet browser and a virtual touchscreen keyboard. The Internet connection is provided via DSL and/or by mobile network like UMTS/HSDPA, GPRS/EDGE, whereby both methods can be used either as the main or backup route. Communication is provided with configurable encryption and authentication. With the integrated Wireless LAN Access Point, the terminal provides every opportunity of a public and private hot spot.

Integrated into an elegant housing it's ideal for indoor areas.

The TDT team can also increase the range of application by the use of optional accessories (e. g. card reader, printer, etc.) and the implementation of customer-specific requirements.

Fields of application of the Terminal:

- Info point at museums, public buildings, tourist offices
- Digital advertisement displays for petrol stations, shopping centers etc.
- Timetable information & Booking terminal (train reservation, flights, top-up mobile phone cards)
- Check in/out point in fitness clubs or gyms
- Guidance system e.g. at trade fairs, expositions, DIY stores, clinics
- Ticket dispensing e.g. in cinemas (in connection with a printer and EC cash)
- Games PC (wall mounted) in restaurants
- Product presentations at trade fairs, expositions, in DIY stores, car showrooms
- Presentation of company websites at trade fairs, expositions
- Photo processing terminal for digital photos, etc. (printers, consumer electronic shps, etc.)
- Virtual reception e.g. in hotels
- Electronic bulletin board for universities / schools (course timetable, etc.)
- (Paid) Surfing (WiFi Hotspot & stationary)

Stand Alone for universal operation



Info Terminal Stand Alone
with external Keyboard



Info Terminal Stand Alone
Desk Version

Hardware

- Atom 270 single core 1.6 GHZ
- 1024 MB RAM (optional 2048 MB)
- Touchscreen 19" matt with virtual Keyboard (optional Multi-touch screen)
- AC97 Audio (Line-In, Line-Out, Mikrophon)
- 4 GB memory (Compact Flash, Dual Boot, optional 16 GB)
- 2 x 1000/100/10 BaseT Ethernet ports (Wake on LAN)
- 1 x serial/async console Port (for debug or monitoring)
- 1 x Mini PCI extension slot
- 1 x Mini PCI express slot
- 4 x USB 2.0 Ports (e.g. for backup or external hardware e.g. ISDN/DSL/analog modem, Video)
- 2 x Serial ATA (SATA)
- Multiband antenna ARL-700uw (3G+/WiFi)

Software

- TDT Linux Distribution
- Internal Browser incl. PlugIns
- Certified Youth Protection (BPJM)
- ... additional Software on request

WiFi (optional)

- 2.4 / 5 GHz IEEE 802.11 a/b/g standard, up to 108 Mbps high-speed data rate
- Access Point mode (Hotspot)
- WiFi Protected Access Client Support (WPA, WPA2)
- Security Features: WEP, AES, TKIP, MAC-Adress filtering
- Quality of Service (QoS) support (802.11e draft)
- Dynamic Frequency Selection / Transmit Power Control (DFS/TPC)

3G+ HSPA/UMTS/GPRS/GSM (optional)

- GSM Power Class 1 for 1800/1900 MHz
- GPRS Multislot Class 12 (4 slots Rx, 4 slots Tx) max 236,8 kbit/s
- GPRS/EDGE Class B Type 1 MT
- GPRS Coding Scheme (CS) 1-4
- HSDPA/UMTS: 800/850/1700/1900/2100 MHz
- HSDPA modes: 1.8 / 3.6 / 7.2; Power Class 3 (+24 dBm)
- UMTS: 384Kbps Up/Down
- HSUPA mode: 2Mbps; Category 5

Router and IP-Features

- Support of the IP-Protokoll family e.g. IP, TCP, UDP, ARP, RARP, ICMP, QoS
- Static Routing & Filtering, RIP 1/2, OSPF, BGP, GRE
- DHCP-Server / Client
- Network Address Translation (NAT) and Reverse NAT (Static NAT Mapping, NATP)
- PAP / CHAP support
- Web-Interface
- Dynamic DNS Client
- Preboot Execution Environment (network based booting)
- NTP (Network Time Protocoll) as server and client
- IP CAM Server (for video application)

Management and Security

- IPSec (3DES, AES) with IKE (Standard: 10 tunnels, optional max. 100 tunnels)
- IPSec over NAT-Traversal (NAT-T RFC 3947)
- OpenVPN, S-tunnel, L2TP
- Statistic und log function
- Statefull inspection Firewall
- Local or remote configuration via integrated web-interface, SSH (Command Line Interface)
- Konfiguration via SMS, if 3G Module is installed
- Multilevel Usermanagement (Web and CLI based)
- Intelligent Backup-Management
- Software Update via Secure Shell (SSH), SCP
- Real Time Clock
- SNMP V1 und V2c
- Pearl interpreter
- Load balancing
- FTP (Server/Client and Relay Agent, e.g. for buffering data of Webcams)

Peripheral Equipment (optional)

- Multi-touch screen
- external Keyboard (with Touchpad)
- Cardreader
- Webcam
- Speaker / Microphone
- Printer
- Barcode scanner
- Hard drive
- Pin pad
- POS Terminal
- ... any peripheral Equipment on request

Technical Data

- Dimensions:
 - Stand Alone Version: 480x1520x500mm (BxHxT)
 - Desk Version: 450x526x230mm (BxHxT)
 - Wall Mount Version: 450x526x245mm (BxHxT)
- Weight: ca. 41 kg (Stand Alone Version)
- Power supply: 230 V internal
- Rigit metal housing