

T-SERIES



Model: T16-B100

Key Features

- Sleek, Compact Design Offers Space Saving Advantage
- Low Power Consumption
- VIA® Eden Ultra Low Voltage (ULV) 1.6 Ghz CPU
- VIA® CN896+VT8237A Chipset
- Supports up to 2 GB DDR2
- Supports HDD (SATA) or Compact Flash
- 10/100/1000 Gigabit LAN
- Built-In Dual Video Support
- 16 Bit Stereo FM Audio
- Four High-Speed USB 2.0 Ports (2 Front, 2 Rear)
- Built-In Smart Card Reader Option Available
- Built-In Wireless and CD-ROM Option Available
- VESA-Mount Option Available
- Supports Vista, XpPro, XPe, Linux
- Can Be Used as a Stateless Device
- CE/UL/FCC Compliant

The NCS T-Series distills the best features of thin clients and traditional desktop PCs into a powerfully versatile, compact machine that presents itself as an engaging alternative. Not only does the sleek, space-saving design reduce desktop clutter, it smartly leverages the hardware specific requirements used by a majority of IT users in the workplace. In addition, the T-Series' fan less design reduces the heat, noise and power consumption traditionally associated with desktop PCs. The benefits to this innovative engineering are immediately visible--increased energy efficiency, reduced energy costs and environmental sustainability. Yet the all new NCS T-Series still delivers the performance and functionality critical to your business. Powered by the VIA Eden ULV 1.6 GHz CPU and CN896+VT8237A Chipset, the T-Series enables improved application performance, Internet browsing and video-streaming. Dual video support (VGA & DVI) is offered as a standard feature and the integrated Gigabit LAN keeps you connected. An optional Smart Card Reader provides highly secure authentication and an internal wireless card is also supported. In short, T-Series introduces a new generation of machine whose versatility and array of options (including optical drive) makes the T-Series a sleeker, more cost-effective solution with visible benefits that can improve your operating efficiency and bottom line.



Model: T16-B100

T-Series

Processor

VIA® Eden ULV 1.6 GHz CPU (convection cooling fanless)

Chipset

VIA® CN896 +VT8237A

System Memory

One 200-pin SO-DIMM Socket Supports Up to 2GB DDR2 533/667 SDRAM

Integrated Flash Storage

2.5 inch IDE HDD (SATA) or Compact Flash

Integrated Audio

AC97 2.0 Codec Compatible

Output: 1/8-inch Full 16 bit Stereo FM Synthesis

Input: 1/8 inch, 8-bit Mini Microphone

Integrated LAN

RealTek RTL8110SC: Gigabit LAN 10/100/1000 Mbps, One RJ-45 Connector

Optional Internal Mini PCI-e 802.11n Wireless Module

Integrated Video

CN896 with Integrated Graphics Core

VGA Controller CRT/DVI-D Both Supported (Dual Screen)

Analog VGA Video Output (DB-15)

Digital Video Output Only (via the DVI Port)

Shared System Memory 64 MB to 256 MB

Supports Resolutions of up to 1920x1200 @ 75Hz

Integrated Super I/O

One PS/2 Keyboard Port and One PS/2 Mouse Port

Four USB 2.0 ports (two at front, two at back)

Built-In Smart Card Reader (Optional)

Integrated IDE

Supports One IDE Connector (for ODD)

Supports One SATA Connector (for SATA 2.5" HDD)

Bus Architecture

32-bit PCI-e

Chassis Configuration

Thin Computing Small Form Factor (Must be Placed in the Vertical Orientation)

Dimensions (d) x (w) x (h) (cm/inch) / Weight

21 x 14.9 x 4.4 / 8.25 x 5.875 x 1.75 / 2.25lbs/1.02kg

Environmental

Operating Temperature 0° to 40° C / 32° to 104° F

Storage Temperature -40° to 60° C / -40° to 140° F

Relative Humidity 20-80% Non-Condensing RH

Operating Altitude Range from 0-3050 m (0-1000 feet)

Power Requirements

External AC Adaptor Provided 100~240VAC, DC+12V/50W

Max. Power Consumption: < 30W

DC Power Requirements: 12V, 5A (External Power Adaptor)

Regulatory & Product Certifications

EMI/RFI: FCC Declaration of Conformity (DoC)

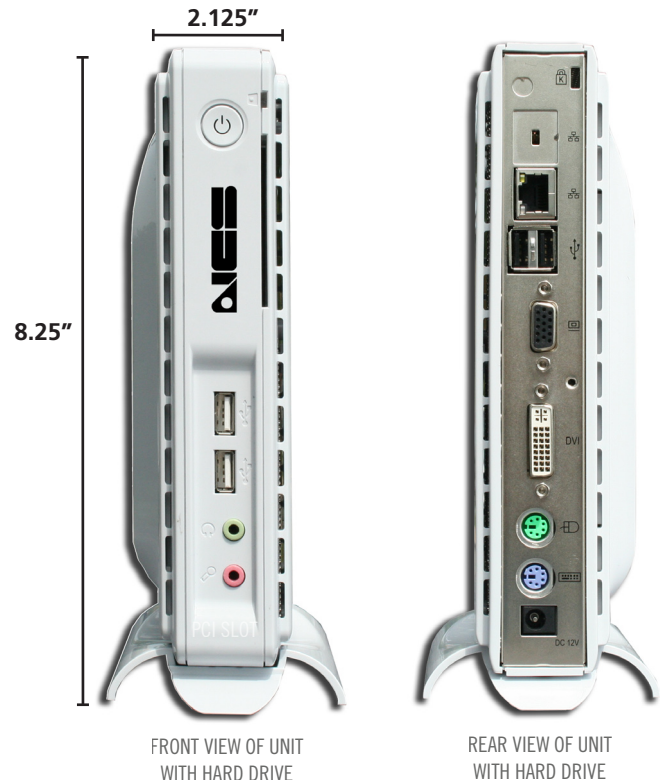
Safety: Underwriter Laboratories (UL) 60950, 3rd Edition, CE

Options

Internal Wireless, Metal Mounting Kit (VESA Standard), Smart Card Reader, Optical Drive, Internal HDD or Flash, Dual NIC

O/S Options

Vista, XP Pro, XPe, Linux or Stateless for any Streamed OS



SPEC-T16B100-08-121208

NCS Technologies, Inc.

9490 Innovation Drive

Manassas, VA 20110

www.ncst.com

Voice: (703) 621-1700

Toll-Free: 1 (888) RING-NCS

Fax: (703) 621-1701

