



Powerful and Feature Rich Set-Top Appliance Platform

The NCS 501 is a powerful, feature-packed yet affordable Set-Top Appliance. This platform uses an Intel mobile chipset for improved application performance and lower thermal characteristics. As a result, the acoustic properties make this system ideal for an office desktop appliance.

- Intel Mobile CPU support
- Intel 965GME Mobile Chipset
- Supports up to 2 GB DDR2 667 ECC memory
- Two 2.5" or One 3.5" Internal SATA Drives supported
- USB 2.0, P/S2, COM, IDE, CF, Mini PCI, VGA, HDMI, DVI integrated
- Integrated Dual Gigabit LAN onboard
- One PCI-e (x4) or 32-bit PCI slot available for expansion
- Optional LCD Display

NCSAPP Bundled Services

The NCS Appliance Partner Program offers a wide range of services including product design, program management, product life-cycle support, and complete logistics management. Our engineering capabilities include custom chassis design, in-house thermal, vibration, acoustical, and operating system compatibility testing. As your appliance partner, we will build the appliance to your exact specifications, load your software image, perform burn-in and functional testing on each unit and will drop ship directly to your end customers in custom branded packaging. NCS will also inventory, package and ship your product complete with your consigned documentation, media, and accessories. Our appliances are backed with a wide range of service warranties including telephone and e-mail support, up to 3 years Mail-In Mail-Back Repair Service and Global Onsite support options.



Processor

Supports Intel® Mobile Core 2 Duo, Celeron M 5xx
Socket P 533/800 FSB

System Chipset

North Bridge Intel® GME965 chipset
South Bridge: Intel ICH8M

BIOS

AMI 16MB SPI ROM

System Memory

Two 240-pin DIMM sockets supporting up to
4GB DDR2 533/667 MHz memory

Integrated Rear I/O

2 RJ-45 LAN ports
PS2 mouse/keyboard ports
1 Serial port
4 USB 2.0 ports
1 VGA port
1 DVI port
1 HDMI port
3 Audio jacks: line-out, line-in and mic-in

Integrated Onboard I/O

2 USB headers for 4 additional USB 2.0 ports
2 SATA II ports (300MB/s)
1 COM port pin header
1 PCI Express x4 slot
1 Mini PCI-E slot
1 PCI 32-bit/33MHz slot
1 CF socket

Integrated Graphics Adapter

Intel® GMA X3100 GFX Engine
DVMT 4.0 up to 256MB memory

Integrated Network Interface

Dual Gbit LAN
Intel® 82573L & 82566DC

Integrated Audio

Realtek ALC888 7.1 channel HDA Codec
Compliant with Azalia 1.0 specs

Integrated SATA

SATA II ports via ICH8M
Supports two SATA II devices

Integrated PCI EIDE

1 IDE port by ICH8M
Supports Ultra DMA 66/100 mode
Supports PIO, Bus Master operation mode

Compact Flash Capacity

Internal Compact Flash Memory
EIDE or USB Flash Disk options available

Expansion Slots

None

Enclosure Specifications

Ultra-Compact form-factor
10.8"(w) x 10.7"(d) x 3.0"(h)

Power Supply Features

180 Watts stand alone
Input Frequency: 47-63 Hz
Input Voltage: 115-230 VAC Switching
+5V 1 2.0A maximum
+5V Standby 2.0 A maximum
+12V 10.0A maximum
-12V 0.8A maximum
+3.3V 16.8A maximum

Environmental

Operating Temperature: 10 -28 deg C

Regulatory and Product Certifications

Designed to meet Agency Certifications
(FCC, UL, CE, VCCI etc)

System Weight:

22 Lbs (Approx)

