



ND3700F

Intel® ATOM™ D2550 / Core™ 2 Duo / Core Duo Box PC

Features

- Intel ATOM D2550 or Core 2 Duo / Core Duo / Core Solo / Celeron® M ULV processors, up to 2.16 GHz
- 1x 2.5" HDD
- 1x Type I/II CF socket
- 3x serial ports
- 6x USB ports
- Supports +12V DC-IN power input

Processor

- Intel ATOM D2550
- Intel Core 2 Duo
- Intel Core Duo
- Intel Core Solo
- Intel Celeron M

Memory

- 2x DDR2, up to 4 GB

Graphic Chipset

- Intel Integrated Graphics Engine

Ethernet

- Dual Realtek RTL8111B Gigabit Ethernet

Audio

- Realtek ALC 655 5.1 channel controller

USB

- 6x USB ports, USB 2.0 compliant

Serial

- 3x RS-232; additional one optional
- 1x RS-232/422/485

Expansion Slot

- 1x Mini-PCI

Construction

- Aluminum housing

Mounting

- Desktop
- Wall mounting

Dimensions (WxDxH)

- 10.39" x 2.24" x 7.56"
264 mm x 57 mm x 192 mm

Power Supply

- +12V DC-in (lockable, power jack)

Power Consumption

- Typical +12V @ 5A power input

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Specifications

Operating Temperature

- 0° to +50° C

Operating Humidity

- 30% to 90% (non-condensing, RH)

Rear Panel I/O Connectors

- 2x RJ-45 (Gigabit Ethernet)
- 3x RS-232 9-pin DSUB male (1x optional)
- 1x RS-232/422/485 9-pin DSUB male
- 1x VGA 25-pin DSUB female
- 4x USB 2.0
- 2x PS/2
- 1x Line-in / Line-out / Mic-in
- 1x DC-IN power jack

Front Panel I/O Connectors

- 2x USB 2.0
- 1x Power / HDD / LED
- 1x Power Reset button
- 1x Power On button

O/S Support

- Windows XP and Windows 7

Connector Layouts



- I. Power Reset
- II. Power / HDD LED
- III. Power On
- IV. USB



- 1. Power Jack
- 2. PS/2
- 3. RS-232
- 4. VGA
- 5. RS-232/422/485 USB
- 6. RS-232
- 7. RJ-45
- 8. USB RS-232 RJ-45
- 9. USB
- 10. Audio Jack

About Computer Dynamics

Computer Dynamics (A CIMTEC Automation Company) is a leading global provider of flat panel display solutions for a wide range of industries and applications. Our comprehensive product offering includes open-frame, enclosed, and environmentally sealed flat panel display systems in both computer and monitor configurations. Whether you're looking for one of our standard products or a fully custom solution, Computer Dynamics has the breadth, experience and support to deliver what you need. For more than 25 years, CIMTEC Automation has been providing automation solutions throughout the world that deliver value, performance, and innovation.

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