



ND3300D

Intel® Core™ 2 Duo / Core Duo Box PC

Features

- Designed for Industrial Automation and M2M applications
- Onboard Core 2 Duo 1.06 GHz / Core Duo 1.2 GHz / Celeron M® 1.2 / 1.06 GHz
- 1x DDR2 SODIMM, max. 2 GB
- 4x RS-422/485 communication with isolation protection
- Supports 4x Digital Input / 4x Digital Output
- 2x Giga LAN, 2x USB, 1x VGA, Line in, Line out, Micro In
- Fanless, high efficiency thermal design with sealed construction
- 1500V DC power isolation resistance
- IEC 60945, DNV 2.4, IACS-E10, DNV Type Approval, CE, FCC, RoHS certifications

Processor

- Intel Core 2 Duo ULV 1.06 GHz
- Intel Core Duo ULV 1.2 GHz
- Intel Celeron M ULV 1.2/1.06 GHz

BIOS

- Award 4 Mbit BIOS

System Chipset

- Intel 945GME/ICH7M

Memory

- 1x SODIMM, max 2 GB DDR2 533/667 (1 GB standard)

Graphic Interface

- Integrated Intel 945GME, LVDS/CRT

Graphic Memory

- Shared memory, max. 224 MB

Front Side I/O

- 1x Reset button
- Mic in / Line out / Line in jack
- 4x Isolated RS-422/485 auto detect with LED indicator (non-isolated RS-232 by jumper)

Back Side I/O

- 1x 3-pin power input with Phoenix type Terminal Block
- 1x Power Switch On/Off
- 2x RJ-45 (GigaLAN)
- 1x VGA
- 1x PS/2

Storage

- 1x 80 GB HDD (40 GB HDD, 4 GB SDD, 4 GB industrial grade CF optionally available)

USB

- 4x USB ports, USB 2.0 (2x internal)

SDD Interface

- 1x Type I/II CF socket

Watchdog Timer

- 256 levels

Power Input

- +24V DC-in 1500V DC Isolation; Resistance (+9 to 36V DC Input Acceptable)

Power Consumption

- 60W (typical)

Environmental

- -10° to 55° C operating temperature
- 5% to 95% non-condensing
- 5 to 500 Hz/1 Grms/3 axis (anti-vibration)
- 15G, 11 ms duration (anti-shock)

Construction

- Aluminum housing

Mounting

- Desktop
- Wall mount
- VESA

Dimensions (LxWxH)

- 11.65" x 6.65" x 2.6"
296 mm x 169 mm x 66 mm

O/S Support

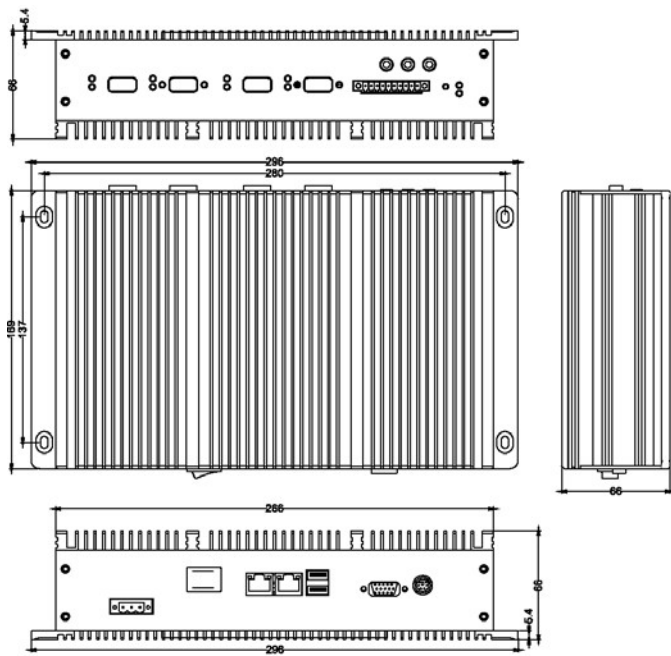
- Windows XP and Windows 7

Ethernet

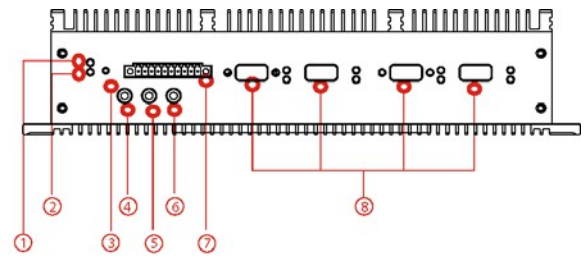
- Dual Realtek RTL8111B GigaLAN

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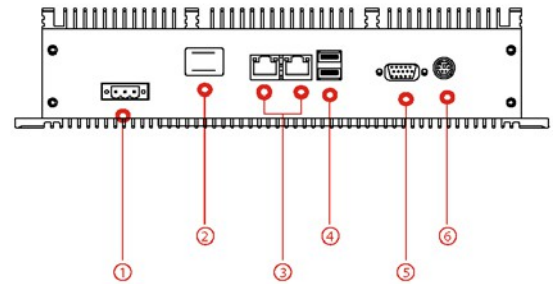
Connector Layouts



Measurements shown in mm
All dimensions are ± 0.5 mm



- 1. PWR LED
- 2. HDD LED
- 3. Reset
- 4. Line In
- 5. Line Out
- 6. MIC In
- 7. 8x GPIO
- 8. RS-422/485/Isolation



- 1. PWR Input
 - 2. PWR Switch
 - 3. LAN
 - 4. USB
 - 5. VGA
 - 6. PS/2
- UNIT : mm

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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