NCS Industrial PCs

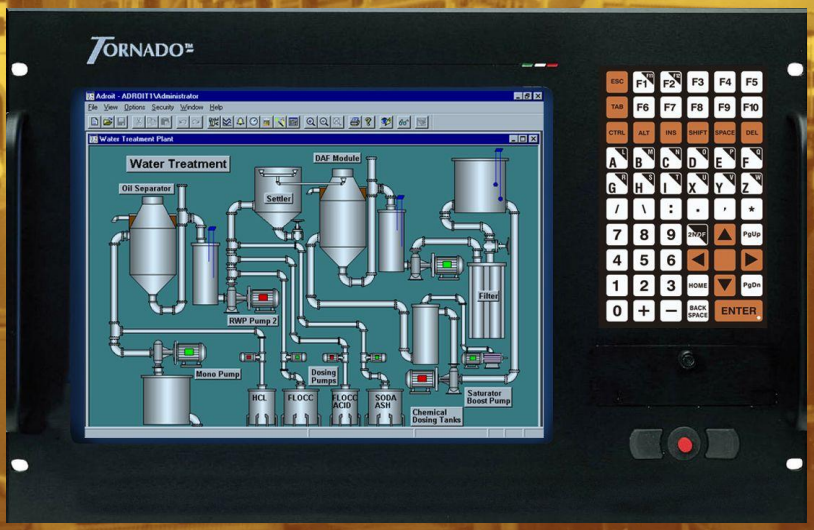
Committed to excellence since 1975.

Industrial and Marine Systems

For industrial, military and Marine applications :

µicron-II / Atom-N2600 64 bit

Based on 3.5" SBC ATOM N2600 ™ 1.6 GHz. fanless (3.5W)
NM10 chipset, DDR3 800 up to 2Gb, VGA/HDMI, Dual GigabitLAN, six USB 2.0,
mini PCIe, 1 SATA 6Gb/s , 1 CF, four COM, PCI slot, Audio, RoHS
PS 85-265 Vac / +12 Vdc / + 24 Vdc / - 48 Vdc, O.T. -10°C to +65°C
Systems are available with or without TFT panel (6.4" to 23") and Touchscreen option.



dimensions BOX 245 (9.64") x 145 (5.7") x 60 (2.36")

Your problem is our challenge. When Your mission is critical ....
Make your life simpler by utilizing NCS' 38 plus years of experience.
All of our Systems are designed to operate in very hostile environments.
Systems available with CPUs Atom 270, 2600 and Baytrail MD.

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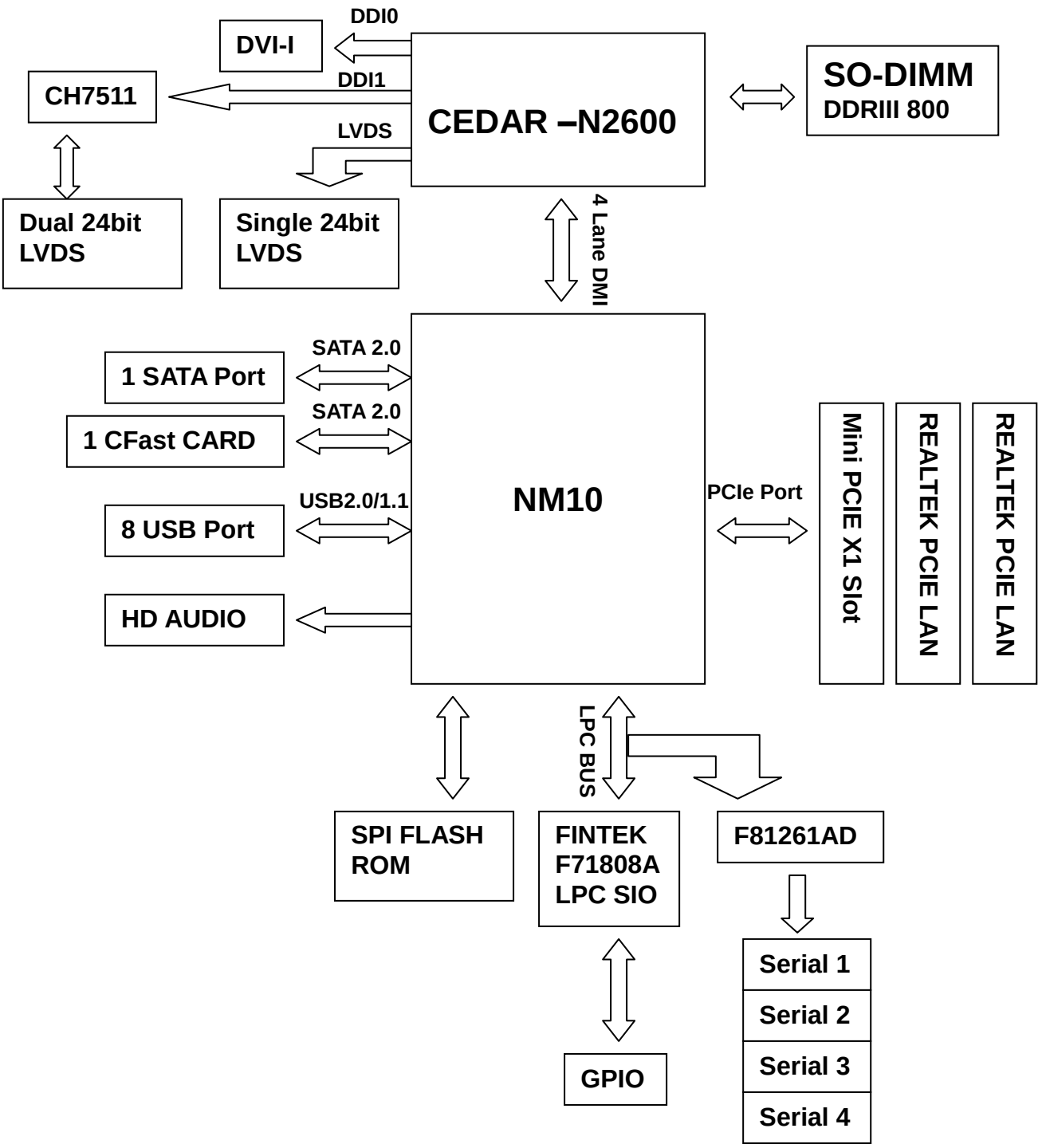
CERTIFICATO N. C2013-01446

Microsoft® Windows® Embedded Partner

http://www.ncs-computer.com

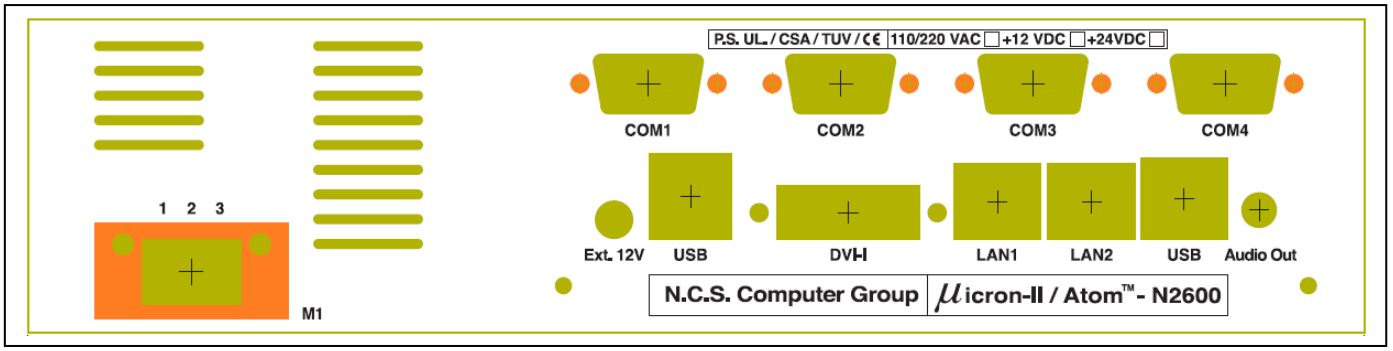
Block Diagram



Features

Spec	Description
Model	N2600
Design	● 3.5” SBC (102mm X 148mm)(4.00” x 5.83”)
Chipset	● Intel®NM10 Express chipset
Embedded CPU	Support Intel® Cedar Trail M-N2600 / 1.6GHz
Memory Slot	● 1 * 200-pin DDRIII SODIMM Slot for un-buffered Single Channel DDRIII 800 MHz SDRAM Expandable to 2GB
Expansion Slots	● CFast card slot x1 ● Mini-PCI E slot x1
Dual LAN	● Integrated with dual Realtek RTL8111E PCI-E Gigabit LAN chip. ● Support Fast Ethernet LAN function of providing 10/100/1000Mbps Ethernet data transfer rate
HD Audio	● Realtek ALC662-GR 2-channel HD Audio Codec integrated ● Audio driver and utility included
BIOS	● AMI 16MB Flash ROM
Rear I/O	● DC12V power-in connector x1 ● USB 2.0 port x 4 ● DVI-I port x1 ● RJ-45 LAN port x2 ● Audio Line out connector x1
Internal I/O	● 9-pin USB 2.0 header x1 (Expansible to 2* USB 2.0 ports) ● 4pin USB 2.0 header x1 (Expansible to 1*USB 2.0 port) ● Front panel audio header x1 ● SPDIF _out header x1 ● CIR header x1 ● Front panel header x1 ● SATAII port & SATA Power connector x1 ● Serial port header x4 & TX-RX COM header x1 ● LVDS connector x2 & LVDS inverter x2 ● GPIO header x1 ● CPU FAN header x1

Power SBC	DC connector	DC +12V Input
Power System	DC/DC or AC/DC	+12Vdc / +24Vdc / -48Vdc / 110-220Vac
Watchdog Timer	Interval	Programmable 1~255 sec./min.
	Output	System reset
Environment	Operating Temp.	-5°C~ 65°C (23°F ~ 140°F)
	Storage Temp.	-20°C~ 80°C (-4°F ~ 176°F)
	Relative Humidity	0%~ 95% (non-condensing)
Form Factor	Dimension (L x D x H)	***245 (9.64") x 145 (5.7") x 60 (2.36")***



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N.C.S. Group – **società italiana, fondata nel 1975, progetta e produce computers e sistemi per applicazioni industriali, militari (non armi), marine ed avioniche.**

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N.C.S. Group, was founded in 1975, designs and manufactures computers and systems for Industrial, Military (not weapons), Marine and Avionic automation markets.