

# NCS Industrial PCs

Committed to excellence since 1975.

## Industrial and Marine Systems

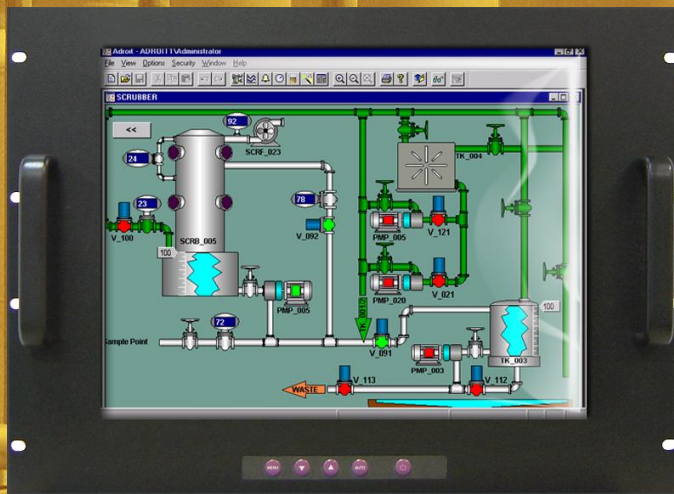
**For industrial, military and Marine applications :**

# *µ*icron-II / i7 / i5 / i3

**Supports Socket G2 Intel® 2nd generation Core™ i7/i5/i3 and Celeron® CPU, VGA/HDMI, Dual LAN PCIe GbE, Eight USB 2.0, mini PCIe Two SATA 6Gb/s, Three COM, PCI-104, HD Audio, TPM, 8 DIO and 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 only 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.**

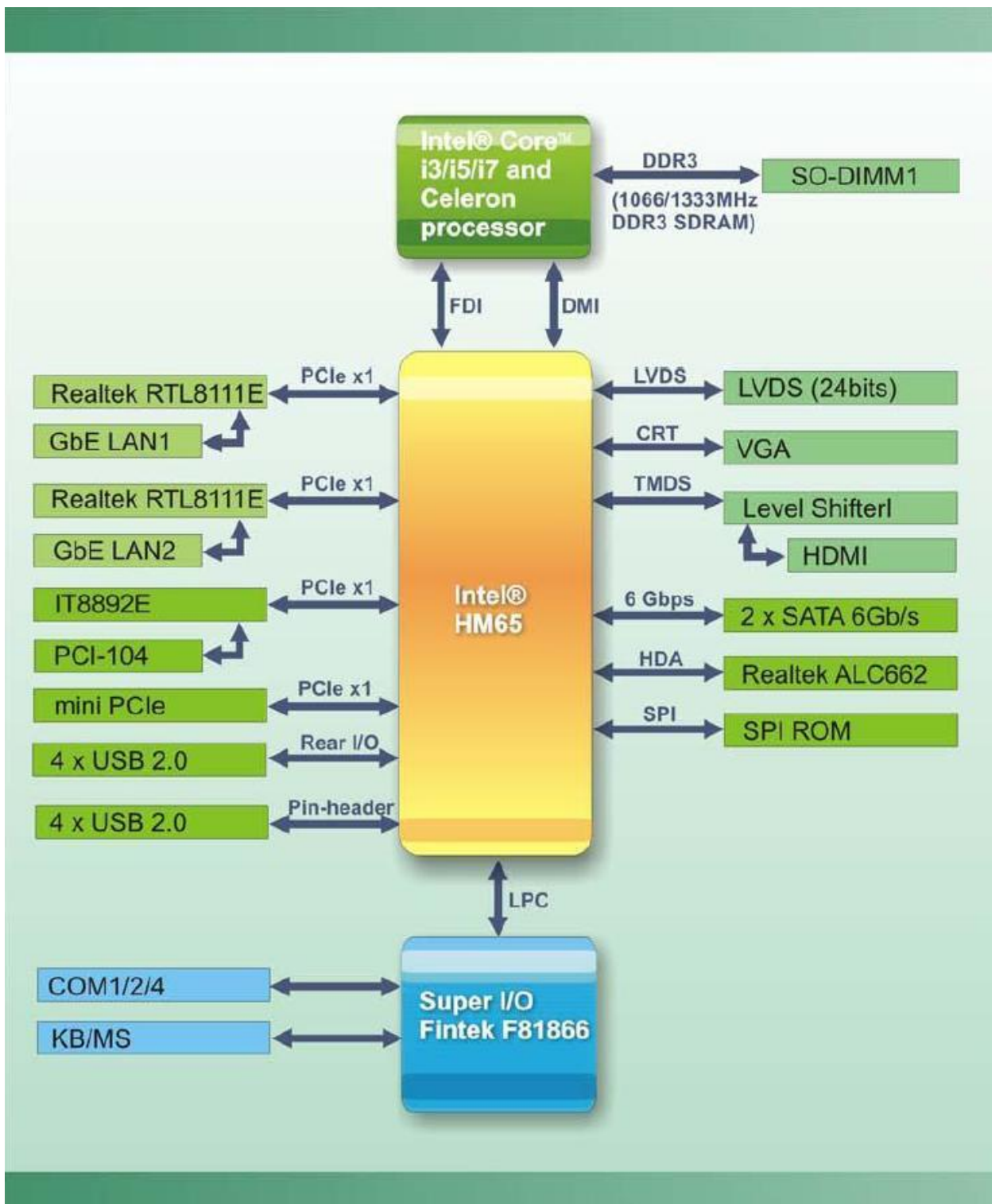


<http://www.ncs-computer.com>





## Features

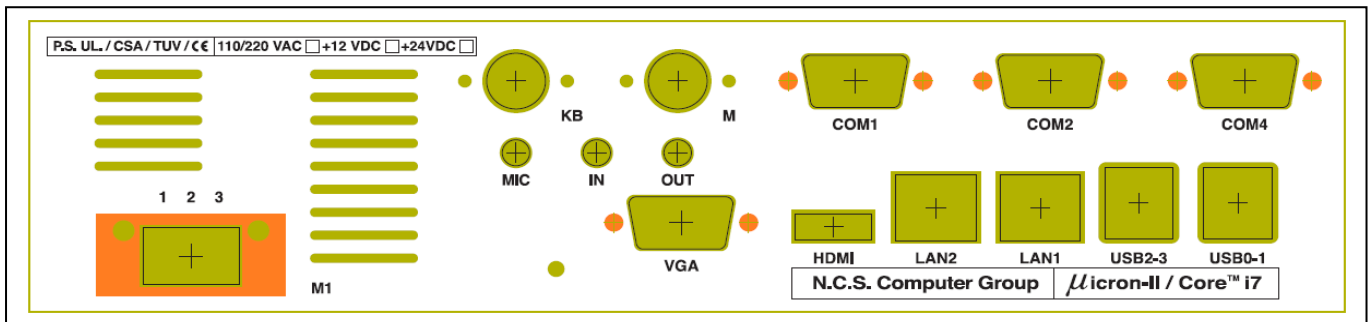


Block diagram **Micron-II/ Core™ i7-i5-i3**

## Features

Spec	Description
Model	● MICRON-II/i7-i5-i3
Design	● 3.5" SBC (115mm x 165mm)(4.52" x 6.)
Chipset	● Intel®HM65
Embedded CPU	● Support Intel® 2nd generation Intel® Core™ i7/i5/i3 and Celeron® mobile processor
Memory Slot	● One 204-pin 1066/1333 MHz DDR3 SO-DIMMs supported (system max. 4GB)
Expansion Slots	● 1 x Mini PCIe card slot ● 1 x PCI-104 slot
Dual LAN	● Ethernet: Dual PCIe LAN controller by Realtek RTL8111E with ASF 2.0 support
HD Audio	● Realtek ALC662 HD codec on board ● Audio driver and utility included
BIOS	● UEFI BIOS
DIO	● Programmable GPIO: 8-bit digital I/O
Rear I/O	● 3 Serial Ports (COM1-COM2-COM4/422-485) ● USB 2.0 port x 4 ● VGA port x1 ● RJ-45 LAN port x2 ● HDMI ● PS/2 Kb / Mouse ● Audio connectors Mic-In-Out ● Power connector M1
Internal I/O	● 8-pin USB 2.0 header x1 (Expansibile to 2* USB 2.0 ports) ● 8-pin USB 2.0 header x1 (Expansibile to 2* USB 2.0 ports) ● 20-pin TPM connector ● PC-104 plus ● PCI-e ● SATAII port & SATA Power connector x2 ● LVDS connector ● 3-pin SYS FAN ● 4-pin CPU FAN header x1 ● 8-pin Front panel connector

<b>Power SBC</b>	DC connector	12V@4.85A (2.6GHz Intel® Core i5-2540M with DDR3 1333MHz 4GB)
<b>Power System</b>	DC/DC or AC/DC	+12Vdc / +24Vdc / -48Vdc / 110-220Vac
<b>Watchdog Timer</b>	Interval	Programmable 1~255 sec./min.
	Output	System reset
<b>Environment</b>	Operating Temp.	-5°C~ 65°C (23°F ~ 140°F)
	Storage Temp.	-20°C~ 80°C (-4°F ~ 176°F)
	Relative Humidity	5%~ 95% (non-condensing)
<b>Form Factor</b>	Dimension (L x D x H)	<b>245 (9.64") x 145 (5.7") x 60 (2.36")</b>



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### **N.C.S. Computer Group** (since 1975) ISO 9001

**N.C.S. Computer Italia S.r.l.** (dal 1975) - Via Della Prava, 18 - 21010 Cardano al Campo (Varese) Italia

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**N.C.S. Computer North America Inc.** (since 1975) - P.O. BOX 21032 RPO MEADOWVALE, Mississauga - ONTARIO - CANADA  
 Ph. +001 416-543-2826 [peter@ncs-computer.com](mailto:peter@ncs-computer.com) - [www.ncs-computer.com](http://www.ncs-computer.com)

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