

## Intense PC Business i3 1.9GHz Barebone

<b>Model</b>	
Name	Intense PC Business i3 1.9GHz Barebone
Part Number	IPC-C3227NL-WB-FM4U
Current HW Revision	1.2
Long Term Availability	N/A
<b>Processor</b>	
Type	Intel Core i3-3227U Processor (Ivy Bridge)
Cores	64-bit dual core
Clock speed	1.9GHz
TDP	17W
Chipset	Mobile Intel HM76 Chipset (Panther Point) <sup>4</sup>
<b>Memory</b>	
Supported	2x SO-DIMM 204-pin DDR3 SDRAM memory slots Up to 16GB (2x 8GB) DDR3-1333/1600
Installed	Not installed
<b>Storage</b>	
Supported	1x SATA up to 6 Gbps (SATA 3.0) for internal 2.5" HDD/SSD 1x mSATA slot up to 3 Gbps (SATA 2.0) 2x eSATA ports up to 3 Gbps (SATA 2.0)
Installed	Not installed
<b>Graphics</b>	
GPU	Intel HD Graphics 4000 Dual display mode supported
Video Output 1	HDMI 1.4a up to 1920 x 1200 @ 60Hz
Video Output 2	DisplayPort 1.1a up to 2560 x 1600 @ 60Hz
<b>Audio</b>	
Codec	Realtek ALC888-VC2 HD audio codec
Audio Output	Analog stereo output Digital 7.1+2 channels S/PDIF output 3.5mm jack
Audio Input	Analog stereo Microphone input Digital S/PDIF input 3.5mm jack
<b>Networking</b>	
LAN	2x GbE LAN ports LAN 1: Intel 82579 GbE PHY (MAC integrated into the chipset) (RJ-45) LAN 2: Realtek RTL8111F-CG GbE controller (RJ-45) LAN 3 – LAN 6: N/A
Wireless	WLAN 802.11 b/g/n (2.4GHz Qcom Q802XRN5B module) Bluetooth 4.0
<b>Connectivity</b>	
USB	6x USB 2.0 2x USB 3.0
Serial	RS232 serial communication, Ultra mini serial connector
SIM	N/A
Expansion	Half-size mini-PCIe socket Full-size mini-PCIe socket <sup>2</sup> CompuLab FACE Module
<b>Advanced Technologies</b>	
vPRO	No
AMT	No
CPU Virtualization	Yes
<b>Operating System</b>	
Supported	Windows XP/7/8, 32-bit and 64-bit Linux 32-bit and 64-bit Embedded OS
Installed	Not installed
<b>Operating Conditions</b>	
Input Voltage	Unregulated 10 – 15VDC input <sup>1</sup>
Power Consumption	10W – 26W
Operating Temperature	1. Commercial HDD models: 0°C – 50°C SSD models: 0°C – 70°C 2. Extended (TE) SSD models only: -20°C – 70°C 3. Industrial (TI) SSD models only: -40°C – 70°C
<b>Enclosure</b>	
Material	Die Cast Aluminum
Cooling	Passive Cooling Fanless Design
Dimensions	19cm x 16cm x 4cm
Weight	1050gr
<b>Package</b>	
In the Box	1. Intense PC computer 2. Power supply: input 100-240VAC 50/60Hz, 60W output 12VDC 5A, DC plug lock, attachable NA and EU plugs 3. Video HDMI to DVI adapter 4. Audio 3.5mm to RCA cable 5. WiFi 2.4GHz band 2 antennas (in some models)
Warranty	5 years <sup>3</sup>
Notes	1. Nominal input voltage: 12V 2. Shared with mSATA 3. For products purchased since 1-Jan-2013 4. Some devices use Mobile Intel HM65 Chipset (Cougar Point)