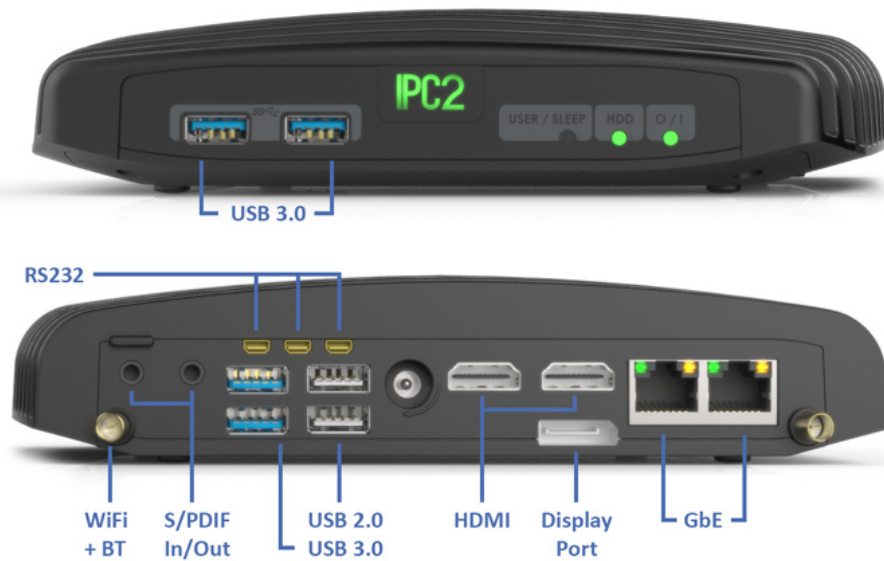


# fitPC INTENSE2



## specifications

## fit-PC Intense 2



## Overview

fit-PC Intense 2 is the second generation of the acclaimed miniature fanless PC, and further improves the best-in-class features of its predecessor with 4<sup>th</sup> and 5<sup>th</sup> generations Intel® Core™ i7 Processor, a 3<sup>rd</sup> display with 4K resolution support, a 3<sup>rd</sup> internal SATA device, 802.11ac WLAN, cellular communication, a pair of Intel Gbit Ethernet NICs, 2 extra USB 3.0 ports for a total of 4 and 2 additional RS232 ports.

fit-PC Intense 2 brings efficiency to a new level with 30% higher performance than its predecessor and 40% lower idle power of under 6W. It is designed for user serviceability – hard disk, RAM and mini-PCIe cards are all accessible through a one-screw service door at the bottom of the computer.

## fit-PC Intense 2: Specifications and Models

System	fit-PC Intense 2 Celeron	fit-PC Intense 2 i3	fit-PC Intense 2 i5	fit-PC Intense 2 i7
<b>CPU</b>	<b>Intel 4th Gen Celeron 2955U</b> (Haswell) 64-bit dual core @ 1.4 GHz	<b>Intel 4th Gen Core i3-4010U</b> (Haswell) 64-bit dual core @ 1.7 GHz	<b>Intel 4th Gen Core i5-4300U</b> (Haswell) 64-bit dual core @ 1.9 GHz (turbo boost up to 2.9GHz)	<b>Intel 4th Gen Core i7-4600U</b> (Haswell) 64-bit dual core @ 2.1 GHz (turbo boost up to 3.3GHz)  <b>Intel 5th Gen Core i7-5600U</b> (Broadwell) 64-bit dual core @ 2.6 GHz (turbo boost up to 3.2GHz)
<b>Memory</b>	2 x SO-DIMM 204-pin DDR3L SDRAM memory slots Up to 16 GB (2 x 8 GB) DDR3L-1600 (1.35 V only)			2 x SO-DIMM 204-pin DDR3L SDRAM memory slots  <b>4600U:</b> Up to 16 GB (2 x 8 GB) DDR3L-1600 (1.35 V only)  <b>5600U:</b> Up to 32 GB (2 x 16 GB) DDR3L-1600 (1.35 V only)
<b>Storage</b>	1 x SATA up to 6 Gbps (SATA 3.0) for internal 2.5" HDD / SSD 1 x mSATA slot up to 6 Gbps (SATA 3.0)		1 x SATA up to 6 Gbps (SATA 3.0) for internal 2.5" HDD / SSD 2 x mSATA slot up to 6 Gbps (SATA 3.0)	
<b>Supported OS</b>	Windows 7 / 8, 32-bit and 64-bit Windows Server 2012 R2 Linux 32-bit and 64-bit Embedded OS			
<b>FACE Module</b>	2 x USB 3.0 FACE module supplied as standard, other modules available on request: USB2.0, USB3.0, Serial, Single / Quad LAN, Dual Mini PCI-E, Video Capture, Quad LAN + PoE			

Display & Graphics	fit-PC Intense 2 Celeron	fit-PC Intense 2 i3	fit-PC Intense 2 i5	fit-PC Intense 2 i7
<b>GPU</b>	Intel HD Graphics Triple display mode supported	Intel HD 4400 Graphics Triple display mode supported		<b>4600U:</b> Intel HD 4400 Graphics Triple display mode supported  <b>5600U:</b> Intel HD 5500 Graphics Triple display mode supported

Display & Graphics	fit-PC Intense 2 Celeron	fit-PC Intense 2 i3	fit-PC Intense 2 i5	fit-PC Intense 2 i7
<b>Display</b>	2 x HDMI 1.4a up to 4096 x 2304 @ 24 Hz 1 x DisplayPort 1.2 up to 3200 x 2000 @ 60 Hz			<b>4600U:</b> 2 x HDMI 1.4a up to 4096 x 2304 @ 24 Hz 1 x DisplayPort 1.2 up to 3200 x 2000 @ 60 Hz <b>5600U:</b> 2 x HDMI 1.4a up to 4096 x 2304 @ 24 Hz 1 x DisplayPort 1.2 up to 3840 x 2160 @ 60 Hz

Input / Output	fit-PC Intense 2 Celeron	fit-PC Intense 2 i3	fit-PC Intense 2 i5	fit-PC Intense 2 i7
<b>Audio Input</b>	Analog Stereo Microphone Input Digital S / PDIF input 3.5 mm jack			
<b>Audio Output</b>	Analog Stereo Output Digital 7.1+2 channels S / PDIF output 3.5 mm jack			
<b>LAN</b>	2 x GbE LAN ports LAN1: Intel I218 GbE PHY (MAC integrated into the chipset) (RJ-45) LAN2: Intel I211 GbE controller (RJ-45) LAN3-6: N/A			
<b>USB</b>	4 x USB 3.0, 5 Gbps (2 front via FACE Module, 2 rear) 2 x USB 2.0, 480 Mbps			
<b>RS232</b>	3 x Serial communication ports COM 1: Full RS232 via mini serial connector COM 2 & 3: 2-wire RS232 via mini serial connector			
<b>WiFi</b>	WLAN 802.11ac (2.4 / 5 GHz dual band Intel 7260 HMW)			
<b>Bluetooth</b>	Bluetooth 4.0			
<b>Special</b>	1 x micro SIM slot (6 pins) For use with mini PCIe Cellular Modem module			
<b>Expansion</b>	Half-size mini-PCIe socket Full-size mini-PCIe/mSATA socket (Shared with mSATA)			

Advanced Technologies	fit-PC Intense 2 Celeron	fit-PC Intense 2 i3	fit-PC Intense 2 i5	fit-PC Intense 2 i7
<b>vPRO</b>	No		Yes (Intel vPRO Technology) Supported on LAN1 only	

Advanced Technologies	fit-PC Intense 2 Celeron	fit-PC Intense 2 i3	fit-PC Intense 2 i5	fit-PC Intense 2 i7
AMT	No		Yes (Intel Active Management Technology) Supported on LAN1 only	
AES	No	Yes		
CPU Virtualization	Yes			
Special Functionality	Auto-On Wake-on-LAN Wake-on-Timer PXE Boot Watchdog			

Mechanical / Environmental	fit-PC Intense 2 Celeron	fit-PC Intense 2 i3	fit-PC Intense 2 i5	fit-PC Intense 2 i7
Supply Voltage	Unregulated 10 to 15 VDC input (nominal input voltage: 12 V)			
Power Consumption	6 W – 24 W (depending on system load)			
Operating Temperature	<b>Commercial</b> HDD models: 0 °C – 50 °C SSD models: 0 °C – 70 °C <b>Extended (TE)</b> SSD models only: -20 °C – 70 °C <b>Industrial (TI)</b> SSD models only: -40 °C – 70 °C			
Dimensions	190 mm x 160 mm x 40 mm 7.5" x 6.3" x 1.6"			
Weight	1015 g			



## In the Box

- Fit-PC Intense 2 computer
- Power Supply: input 100-240 V AC 50 / 60 Hz, 60 W output 12 V DC 5A, DC plug lock, attachable NA and EU plugs
- Video HDMI to DVI adapter
- Audio 3.5 mm to RCA cable

- WiFi 2.4 GHz / 5 GHz band 2 antennas (in some models)
- Mini-serial to DB9-Female adapter cable