



BioDigitalPC® 4

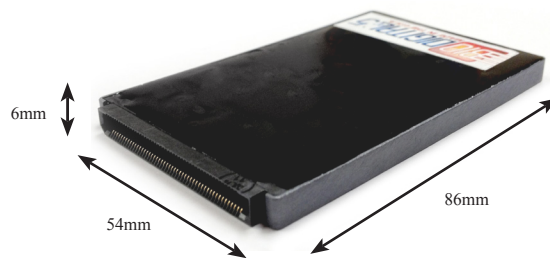
INTRODUCING: ADDC BIODIGITALPC® 4 THE FIRST TRUE CREDIT CARD SIZED PC

The Arnouse Digital Devices BioDigitalPC® card is a fully operating motherboard containing the latest Intel series processor, 2-4 GB DRAM and 8-128 GB SSD. The BioDigitalPC® operates on a true Intel x86 processor so the user will experience a truly 100% Windows OS, or other full operating systems such as LINUX. This is in direct comparison to the watered down ARM chip experience most mobile devices currently deliver.

The BioDigitalPC® is the first fully compatible, Intel x86 based, Windows compatible, credit card sized (54 x 86 x 6mm) computer ever created. It's patented design incorporates an Intel x86 processor, high definition video encoding and decoding, eight USB ports, DP++ ten-signal output, two PCIe connections and high-definition sound.

THE BIODIGITALPC® 4 COMES COATED IN A CUSTOM EPOXY MAKING IT WATERPROOF AND FIRE RESISTANT.

The ADDC BioDigitalPC® is designed to interface with a standard or custom reader. The BioDigitalPC® uses a standard 100-pin configuration and connector. Design requirements and services are available. Custom engineering is available for the design of new reader form factors.



Standard BioDigitalPC® specifications:

- Waterproof
- Input: 5W (5VDC)
- Output: 1 DP++, 5 USB, 2 PCIe, HD Audio I/O
- Input/Output Connector: Samtec ERF8-050
- Size: 86mm x 54mm x 6mm

Advanced Technologies			Essentials	
Intel® Hyper-Threading Technology	Yes		DMI	2.5 GT/s
Intel® 64	Yes		Processor Number	N2600
Enhanced Intel SpeedStep® Technology	Yes		# of Cores	2
Thermal Monitoring Technologies	Yes		# of Threads	4
Execute Disable Bit	Yes		Clock Speed	1.6 GHz
Graphics Specifications			L2 Cache	1 MB
Integrated Graphics	Yes		Instruction Set	64-bit
Graphics Base Frequency	400 MHz		Instruction Set Extensions	SSE2, SSE3, SSSE3
RAM			Embedded Options Available	Yes
BioDigitalPC® 4	1066 MT/s		Lithography	32 nm
Solid State Memory(MB/s)		Read/Write	Max TDP	3.5 W
8GB	110	25	Memory Specifications	
16GB	220	50	Max Memory Size	2 GB
32GB	240	110	Memory Types	DDR3
64GB	240	220	# of Memory Channels	1
128GB	240	230		

Lead time for cards is 14 weeks