

BioDigitalPC® 8C8

INTRODUCING: THE BIODIGITALPC® 9 *the first true credit card sized PC*

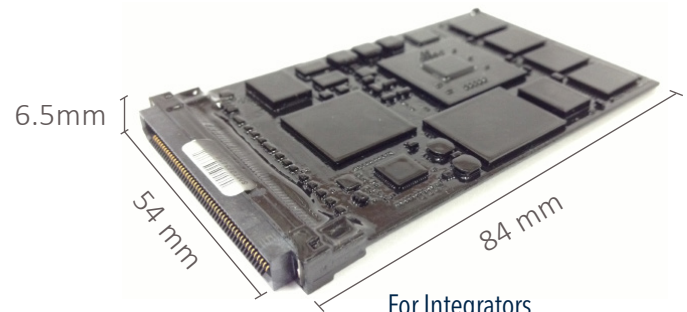
Arnose Digital Devices, Corp (ADDC) is proud to introduce the latest in its BioDigitalPC® line of products. The BioDigitalPC® 8 is the 3rd generation of BioDigitalPC®, the first credit card sized, rugged, x86 computer. It is equipped with a quad-core x86 processor, 8GB DDR3 and 128GB of ultra high speed storage.

The BioDigitalPC® 8 is powered with a simple 5VDC input and consumes about 8W. Input/Output signals include 5VDC in, four USB 2.0, one USB 3.0, two PCIe x1 Gen 2, and one DisplayPort++: servicing HDMI, DP, DVI and VGA video outputs. The BioDigitalPC® 8 also includes the Trusted Platform Module (TPM) for the highest computing security.

The BioDigitalPC® 8 is able to run any x86 operating system including Windows, Windows Server, CentOS, RHEL, Ubuntu, VMWare 5.5 and many others. It is fully compatible with older BioDigitalPC® docking stations and is ready to provide a mobile computing experience with just a moment's notice. The card is hot swappable and contains built in graphics.

All BioDigitalPC® cards have a waterproof, dustproof, fire-resistant and rugged epoxy coating. Ringed with anodized aluminum, BioDigitalPC® cards are able to resist the worst operating conditions and are able to withstand about 3,000G.

Whatever your application may call for, the BioDigitalPC® cards stand ready to provide a high quality, rugged, micro-form factor computing solution.



For Integrators
Conformal Epoxy Coating
Weight: 0.75 oz



Standard BioDigitalPC® 8 Specifications:

Waterproof
Input: 5VDC
Output: 1 DisplayPort++, 4 USB 2.0,
1 USB 3.0, 2 PCIe x1 Gen2
Size: 84 mm x 54 mm x 6.5 mm
Weight: 2 oz

MobyIPC/ BioDigitalPC®	PC 8C8
SKU	ADDC-PC8C-8-128
CPU	AMD GX-412HC
# of Cores	4
TDP (CPU, GPU)	7W
USB 3.0	✓
Cache	L1: 32KB (Per Core) L2: 2MB (Shared)
CPU Freq. Base (Boost)	1.2GHz (1.6GHz)
GPU Freq. Base (Boost)	267MHz (350MHz)
CPU Tjunction	0 to 90°C
RAM	8GB DDR3 - 1333
Solid State Drive	128GB
Operating Temp.	-40°C to 85°C
Virtualization	VT-x ¹ , VT-d ² , DASH ³
Trusted Platform Module	✓
AMD Trust PSP	✓

¹ AMD-V Virtualization Technology

² AMD-Vi I/O MMU Virtualization Technology

³ AMD's equivalent to Intel AMT