

BioDigitalPC® 8C8

INTRODUCING: THE BIODIGITALPC®8 *the first true credit card sized PC*

Arnouse Digital Devices Corp. (ADDC) is proud to bring you the BioDigitalPC® 8, its 3rd generation BioDigitalPC® x86 computing platform. The BioDigitalPC® 8 is a credit card sized computing platform equipped with an AMD quad-core x86 processor, 8GB DDR3 and 128GB of ultra high speed storage.

The BioDigitalPC® 8 is powered by 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.

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|----------------------------|---|
| 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

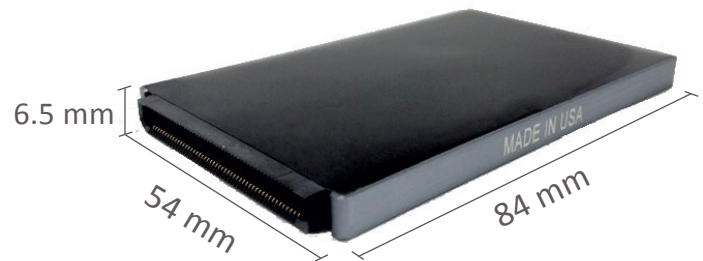
² AMD-Vi I/O MMU Virtualization Technology

³ AMD's equivalent to Intel AMT

The BioDigitalPC® 8 is able to run any x86 operating system including Windows, Windows Server, CentOS, RHEL, Ubuntu, and VMWare 5.5. 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, 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.



⚠ Standard BioDigitalPC® Specifications:

Waterproof
Input: 5VDC
Output: 1 DisplayPort++, 4 USB 2.0,
1 USB 3.0, 2 PCIe x1 Gen3
Size: 84 mm x 54 mm x 6.5 mm
Weight: 2 oz

🔧 For Integrators

Conformal Epoxy Coating
Weight: 0.75 oz