

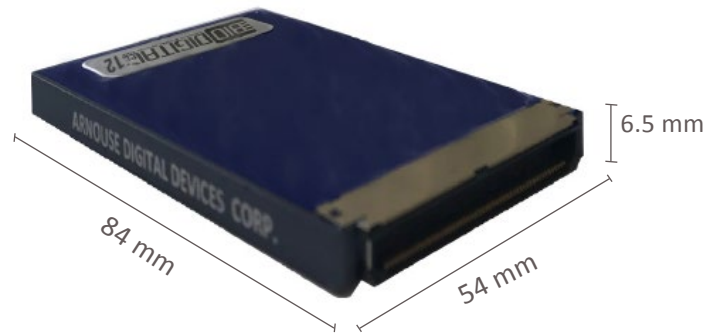
BioDigitalPC® 12S

A credit card sized server blade

Arnose Digital Devices Corp. (ADDC) is proud to bring you the BioDigitalPC® 12S, our 7th generation BioDigitalPC® x86 computing platform. The BioDigitalPC® 12S is a credit card sized computing platform equipped with an Intel 8th generation i7 CPU, up to 16GB of DDR4, and 512GB or 1TB NVMe SSD.

The BioDigitalPC® 12S is powered by 5VDC. It has one DisplayPort++, four USB 2.0, one USB 3.0, and two PCIe x1 Gen3 interface signals. The BioDigitalPC® 12S also includes the Trusted Platform Module (TPM) 2.0 for the highest computing security.

The BioDigitalPC® 12S is able to run any x86 operating system. It is backward compatible with older BioDigitalPC® docking stations. The BioDigitalPC® 12S is hot swappable and contains built in graphics.



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

BioDigitalPC®/MobyIPC	PC 12S	PC 12S
SKU	ADDC-PC12S-16-512	ADDC-PC12S-16-1TB
Processor (Kaby Lake R)	i7 8650U	i7 8650U
Number of Cores (Threads)	4 (8)	4 (8)
TDP (CPU,GPU)	10W -25W	10W -25W
USB 2.0	4	4
USB 3.0	1	1
PCIe	(2) x1 Gen3	(2) x1 Gen3
CPU Tjunction	100°C	100°C
RAM DDR4	16GB	16GB
Solid State Drive	512GB NVMe	1TB NVMe
Trusted Platform Module (TPM)	2.0	2.0
vPro Support	✓	✓

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.

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

Also available with i5 CPU. Any combination of RAM, CPU, and SSD is available with an MOQ .