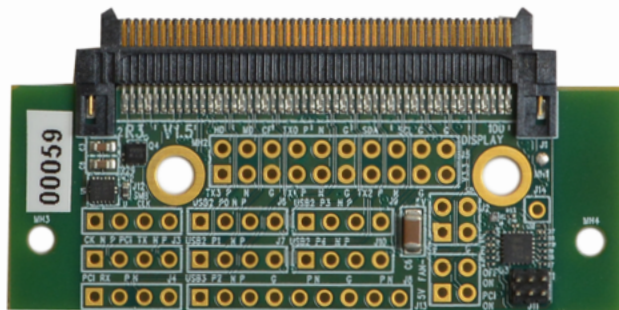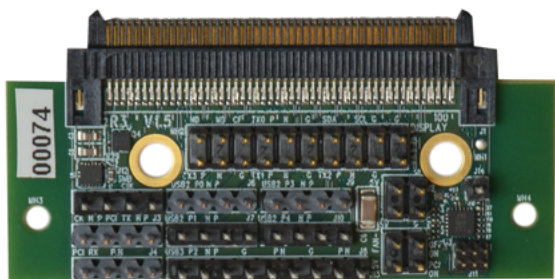# The R3

Introducing a new docking station for the BioDigitalPC® Ecosystem The R3 uses a minimalistic approach to data, power and video signals. The R3 can be used for integration into larger systems, such as laptops, tablets, and televisions, or even supercomputers.

The R3 docking station comes complete with a BioDigitalPC® docking connector and breaks outs the signals for 4 USB 2.0 connections, 1 USB 3.0 connection, a DisplayPort++ connection (also includes HDMI) and a PCIe x1 connection. The 0.1" pitch headers allow for integration into just about any form factor to be quickly realized while maintaining quality connections and signal integrition.

Proudly made in the USA. **TAA Compliant.**

Tech Specs

SKU	ADDC-R3-I
Size	63mm x 27mm x 6mm (without headers)
Weight	1/4 oz (without headers)
Specs	5VDC input power
	BioDigitalPC® 100-pin docking connector
	(2) 4mm mounting holes
	(2) 3mm mounting holes
	0.1" pinch headers for:
	5VDC input power
	(4) USB 2.0 4-pin headers
	(1)USB 3.0 header
	DisplayPort++
	PCIe x1 (external 3.3V & 12V required)
	5V Fan
	System On/Off
	Spare microcontroller GPIO pin
	PCIe voltage enable output pin
	0.05" pinch headers for:
	Microcontroller programming pins

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