

# Starblaze Technology



“With stringent design requirements and a tight time-to-market window, we needed an IP supplier that would provide high-quality and reliable processor, foundation, security and interface IP. Synopsys’ extensive DesignWare IP portfolio gave us access to the entire range of IP we needed, enabling us to achieve first-pass silicon success for our SSD controller.”—Sky Shen, CEO, Starblaze Technology

## Background

Starblaze Technology, a leading provider of SSD controllers, was founded in 2015 and is currently a public company listed on the NASDAQ stock exchange. The company has a strong track record of delivering high-quality, reliable SSD controllers to its customers. In 2018, the company was ranked as one of the top 100 most innovative companies in the world by Entrepreneur magazine.

## Challenge

Starblaze Technology needed a high-quality, reliable IP supplier that could provide the entire range of IP needed for their SSD controller. The company needed a supplier that could deliver the IP on a tight time-to-market window and provide high-quality, reliable IP.

## Solution

Starblaze Technology selected Synopsys as their IP supplier. Synopsys’ extensive DesignWare IP portfolio provided Starblaze Technology with access to the entire range of IP needed for their SSD controller. Synopsys’ DesignWare IP portfolio includes processor, foundation, security and interface IP. Synopsys’ DesignWare IP portfolio also includes a wide range of other IP blocks, including cache controllers, memory controllers, and peripheral controllers.

## Benefits

Starblaze Technology achieved first-pass silicon success for their SSD controller. The company was able to deliver a high-quality, reliable SSD controller to its customers on a tight time-to-market window. Synopsys’ DesignWare IP portfolio provided Starblaze Technology with the IP needed to achieve this success. Synopsys’ DesignWare IP portfolio also provided Starblaze Technology with a wide range of other IP blocks, including cache controllers, memory controllers, and peripheral controllers.



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