

# NVMe Host Sub-system



## Boost your servers with the power of NVMe

Add up to 2 NVMe drives on unused PCIe lanes to give your servers a second youth. Connected to one PCIe interface, NVMe Host allows to simply and quickly add M.2 NVMe SSD drives into your existing system, (BIOS should support 4 by x4 bifurcation).

### No Data Loss

NVMe Host is a transparent bridge and keeps the same drives specifications with no downgrade.

### Quality

Designed by 2CRSi R&D, NVMe Host is part of the range of our unique adapters and underwent rigorous testing to ensure product quality, stability and performance.

### High-Speed Transfer

NVMe Host enables to accelerate entire systems up to 6 times faster compared to regular SSD SATA drives, provides extremely fast I/O and delivers the full potential of non-volatile memory.

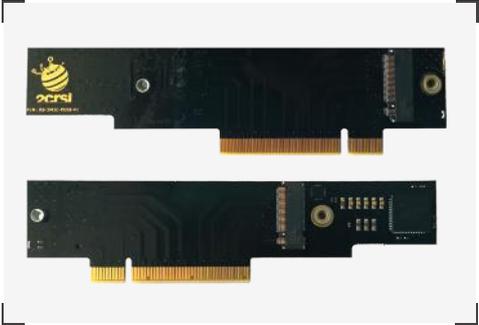
### Custom-made NVMe host

2CRSi can customize NVMe Host design to fit the proprietary connectors of specific motherboards and specific form factor like 21" (OpenU).

## M.2 Instant-2p

Specifications

Server compatibility	1 OpenU
Dimensions (hxW)	34.1 mm x 132 mm
Description	PCIe x8 to Dual M.2 NVMe Carrier Board
Input connection	PCIe x8
Output connection	2 X M.2 NVMe 2280
PCIe compliance	PCIe Gen 3.0
Limitations	Motherboard Bios must be able to split PCIe link to 2 x4
Warranty	3 years



## M.2 Instant-1p

Specifications

Server compatibility	1U
Dimensions (hxW)	32.3 mm x 103.8 mm
Description	PCIe x4 to Single M.2 NVMe Carrier board
Input connection	PCIe x4
Output connection	1 X M.2 NVMe 2280
PCIe compliance	PCIe Gen 3.0
Warranty	3 years



## M.2 Instant-1p22110 (Coming soon)

Specifications

Server compatibility	1U
Dimensions (hxW)	32.3 mm x 103.8 mm
Description	PCIe x4 to Single M.2 NVMe Carrier board
Input connection	PCIe x4
Output connection	1 x M.2 NVMe 2280/22110 with support heat sink
PCIe compliance	PCIe Gen 3.0
Warranty	3 years



## M.2 Instant-1p8x

Specifications

<b>Server compatibility</b>	1U
<b>Dimensions (hxW)</b>	31 mm x 120.3 mm
<b>Description</b>	PCIe x16 to Single M.2 NVMe Carrier Board and PCIe x8 slots
<b>Input connection</b>	PCIe x16
<b>Output connection</b>	PCIe x8 + 1 M.2 2280/22110
<b>PCIe compliance</b>	PCIe Gen 3.0
<b>Limitations</b>	Motherboard Bios must be able to split PCIe link to 2 x8
<b>Warranty</b>	3 years

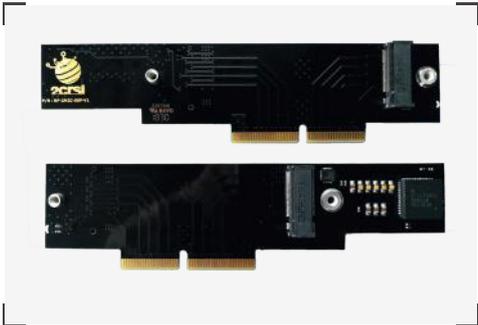


## Custom-made NVMe host

### M.2 Instant-2p-G

Specifications

<b>Server compatibility</b>	1U
<b>Dimensions (hxW)</b>	34.1mm x 132 mm
<b>Description</b>	PCIe x8 to Dual M.2 NVMe Carrier Board
<b>Input connection</b>	PCIe x8
<b>Output connection</b>	2 X M.2 NVMe 2280
<b>PCIe compliance</b>	PCIe Gen 3.0
<b>Limitations</b>	Designed for specific motherboards / proprietary connectors
<b>Warranty</b>	3 years



### M.2 Instant-2p-S

Specifications

<b>Server compatibility</b>	1U
<b>Dimensions (hxW)</b>	28.008 mm x 169.975 mm
<b>Description</b>	PCIe x4 to M.2 NVMe 2280 Carrier Board + 4x SATA
<b>Input connection</b>	PCIe x8
<b>Output connection</b>	M.2 NVMe 2280 (PCIe x4) + OcuLink SFF-8611 (4x SATA)
<b>PCIe compliance</b>	PCIe Gen 3.0
<b>Limitations</b>	Designed for specific motherboards / proprietary connectors
<b>Warranty</b>	3 years

