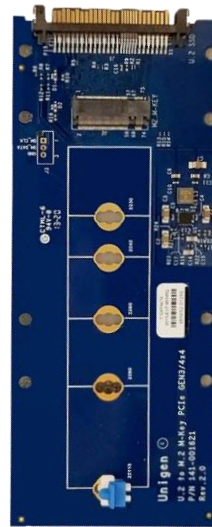


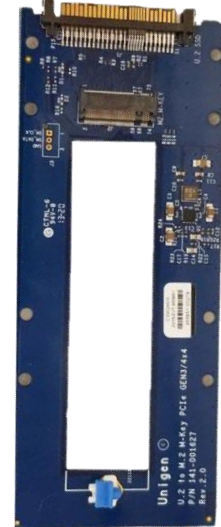
Kelp Family

KEY FEATURES

- Gen4 Capable
- Wide Temp -55 °C to 125 °C (automotive grade)
- Low voltage ripple - high stability
- 8A 3.3V supply ~25W
- Spring activated locking mechanism for M.2
- Two-sided airflow for 22110 (Kelp-O, Kelp-OLS)
- Supports 2230, 2242, 2260, 2280, 22110 form factors (Kelp and Kelp LS)
- Easy modification for Vmin, Vmax operation



Kelp



Kelp-O

The Unigen U.2 to M.2 Adaptor provides a convenient way to upgrade your system from U.2 to M.2 drives. The adaptor is designed to optimize system performance using the latest M.2 technology without modifying the system design or changing its configuration. The Kelp Family is ideal for upgrading old systems with an existing U.2 drive design to reach M.2 performance. This is the most cost-effective solution to upgrade and boost system performance..

PRODUCT SPECIFICATIONS

Appearance	Description
Color	Blue
Max. Drive Height	4.3 in (22110 mm)
Product Height	0.33 in (0.83 cm)
Product Width	2.36 in (60 mm)
Product Length	5.9 in (15 cm)
Weight	1.3 oz (36 g)

Hardware	Description
Bus Type	PCI Express Gen3x4
Compatible Drive Types	M.2 (PCIe, NVMe, AHCI, M-Key, NGFF)
Drive Installation	Fixed - Automatic latch
Fan(s)	Kelp: No Kelp-O: No - Airhole cutout for cooling
Bus Interface	U.2 (SFF-8639; PCIe x4)
Number of Drives	1
Supported Drive Size(s)	Kelp: 2230, 2242, 2260, 2280 and 22110 Kelp-O: 22110

Performance	Description
RAID	No

Connector(S)	Description
Drive Connectors	1 - M.2 (PCIe, M-Key, AHCI/NVMe, NGFF)
Host Connectors	1 - U.2 (PCIe, SFF-8639, AHCI/NVMe)

PRODUCT SPECIFICATIONS

Software	Description
OS Compatibility	OS independent; No software or drivers required

Environmental	Description
Humidity	15% - 90% RH
Operating Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Storage Temperature	-40°C ~ 125°C (-40°F ~ 257°F)

ORDERING INFORMATION

Product	Unigen Part Number
Kelp	US1304IPI4401A-UGN
Kelp-O	US1304IQI4401A-UGN