k-Space Controller Specifications

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The following pages document the integrated controller configurations offered for use with k-Space metrology tools. Rackmount and desktop controllers are built in-house to ensure the best performance with our products. Laptop controllers are also available for portability. Please contact us at requestinfo@k-space.com or (734)426-7977 for additional details.

Disclaimer: The specifications listed below in no way constitute a binding sales agreement. The components of shipped controllers may be subject to slight variation.
kCPU-A3U – 3U Rackmount Controller

Case: iStarUSA D-300-PFS-DE3BL 3U Rackmount Case
Operating System: Windows 10 Professional - 64bit
Processor: Intel 8th Gen Core i5-8400, Hex Core @ 2.8 GHz (4.0 GHz turbo)
Memory: 16GB (2 x 8GB) DDR4 3000 SDRAM
Internal Hard Drive: 1TB 7200rpm 6.0Gb/s
Back-up Internal Hard Drive: 1TB 7200rpm 6.0Gb/s
Graphics: Dedicated Graphics Card with Support for Multiple Displays
Optical Drive: None
Power Supply: 650W Modular Power Supply
Motherboard: GIGABYTE Z370 HD3 / GIGABYTE Z370 HD3P
kCPU-A4U – 4U Rackmount Controller

Case: CHENBRO RM42200-1 4U Rackmount Case
Operating System: Windows 10 Professional - 64bit
Processor: Intel 8th Gen Core i5-8400, Hex Core @ 2.8 GHz (4.0 GHz turbo)
Memory: 16GB (2 x 8GB) DDR4 3000 SDRAM
Internal Hard Drive: 1TB 7200rpm 6.0Gb/s
Back-up Internal Hard Drive: 1TB 7200rpm 6.0Gb/s
Graphics: Dedicated Graphics Card with Support for Multiple Displays
Optical Drive: None*
Power Supply: 650W Modular Power Supply
Motherboard: GIGABYTE Z370 HD3 / GIGABYTE Z370 HD3P
*Note: An optical drive can be added on request to supporting configurations for an additional charge.
**kCPU-DT – Desktop Controller**

**Case:** Corsair Mid-Tower Desktop Case  
**Operating System:** Windows 10 Professional - 64bit  
**Processor:** Intel 8th Gen Core i5-8400, Hex Core @ 2.8 GHz (4.0 GHz turbo)  
**Memory:** 16GB (2 x 8GB) DDR4 3000 SDRAM  
**Internal Hard Drive:** 1TB 7200rpm 6.0Gb/s  
**Back-up Internal Hard Drive:** 1TB 7200rpm 6.0Gb/s  
**Graphics:** Dedicated Graphics Card with Support for Multiple Displays  
**Optical Drive:** None  
**Power Supply:** 650W Modular Power Supply  
**Motherboard:** GIGABYTE Z370 HD3 / GIGABYTE Z370 HD3P
kNB-LLT – Laptop Controller

**Model:** Lenovo ThinkPad Edge E570  
**Operating System:** Windows 10 Professional - 64bit  
**Processor:** Intel Core i5-6500U  
**Memory:** 16GB (2 x 8GB) DDR4 3000 SDRAM  
**Internal Hard Drive:** 500GB 7200RPM  
**Graphics:** Integrated Graphics
GIGABYTE Z370 HD3 Motherboard
GIGABYTE Z370 HD3P Motherboard