PC system

Recommended data systems

Component	Description
Workstation	Z440 G3 HP HP Z440 700W 90 Percent Efficient ZEISS order no.: 614303-9089-002
Operating system	Windows 10 Pro 64 EUROA4
Processor	Intel Xeon E5-1620v4 3.5 10M 2400 4C CPU
Hard drive	HP Z Turbo Drive G2 256GB PCIe 1st SSD 2TB 7200 RPM SATA 1st HDD
RAM	32GB DDR4-2400 (4x8GB) RegRAM
Graphics card	NVIDIA Quadro K2200 4GB 1st GFX
Mouse	HP USB 1000dpi Laser Mouse
Drive	9.5mm Slim SuperMulti DVDRW 1st ODD
Interfaces	Intel Ethernet I210-T1 PCIe NIC China Regulatory CCC Compliance Mark HP 3/3/3 Warranty EURO

Component	Description
Workstation	HP Z840 HP Z840 1125W 90 Percent Efficient Chassis ZEISS order no.: 614303-9091-002
Operating system	Windows 10 Pro 64 EUROA4
Processor	Intel Xeon E5-2637v4 3.5 2400 4C 1stCPU Intel Xeon E5-2637v4 3.5 2400 4C 2ndCPU
Hard drive	HP Z Turbo Drive G2 256GB PCIe 1st SSD 2TB 7200 RPM SATA 1st HDD
RAM	64GB DDR4-2400 (8x8GB) 2CPU RegRAM
Graphics card	NVIDIA Quadro M4000 8GB 1st GFX
Mouse	HP USB 1000dpi Laser Mouse
Drive	9.5mm Slim SuperMulti DVDRW 1st ODD
Interfaces	Intel Ethernet I210-T1 PCIe NIC China Regulatory CCC Compliance Mark HP 3/3/3 Warranty EURO

Component	Description
Workstation	Workstation ENTRY HP Z2 G4 SFF Workstation Z2 SFF V1 ZEISS Bestell-Nr.: 614303-9100-007
Operating system	Windows 10 IOT Enterprise 2016
Processor	Intel Core i3- 8100 4C
Hard drive	SSD 256G 2.5in SATA HDD 500GB 7200RPM SATA 3.5in 2nd
RAM	16GB (2x8GB) DDR4 2666 NECC
Graphics card	NVIDIA Quadro P620 2GB (4)mDP
Mouse	HP USB 1000dpi Laser Mouse
Drive	9.5mm Slim DVD-Writer 1st ODD
Interfaces	Intel Ethernet I350-T2 2Port 1GB China Regulatory CCC Compliance Mark HP 3/3/3 Warranty EURO

Component	Description
Workstation	Workstation PERFORMANCE HP Z4 Workstation Z4 V1 SAPSJ ZEISS Bestell-Nr.: 614303-9089-004
Operating system	Windows 10 IOT Enterprise 2016
Processor	Intel XeonW-2123 3.6 4C
Hard drive	SSD 256GB SATA HDD 4TB 7200RPM SATA Ent 3.5 2nd
RAM	64GB (4x16GB) DDR4 2666 ECC
Graphics card	NVIDIA Quadro P2000 5GB (4)DP
Mouse	HP Optical USB Mouse
Drive	9.5 DVDWR 1st ODD
Interfaces	2x LAN (onboard) Gb Ethernet China Regulatory CCC Compliance Mark HP 3/3/3 Warranty EURO

Component	Description
Workstation	Workstation ULTIMATE Workstation Z8 V1 S ZEISS Bestell-Nr.: 614303-9091-006

Component	Description
Operating system	Windows 10 IOT Enterprise 2016
Processor	2x Intel 5122 Xeon3.6 4C
Hard drive	256GB SATA SSD 4TB 7200RPM SATA Ent 3.5 2nd HDD
RAM	96GB (12x8GB) DDR42666 ECC REG 2CPU
Graphics card	NVIDIA Quadro P4000 8GB (4)DP
Mouse	HP USB 1000dpi Laser Mouse
Drive	9.5mm Slim SuperMulti DVDRW 1st ODD
Interfaces	Intel Ethernet I210-T1 PCIe NIC China Regulatory CCC Compliance Mark HP 3/3/3 Warranty EURO

Minimum system requirements

– PC with 3,1 GHz and 8 GByte RAM.

– Mouse, printer and data backup facility.

– The minimum screen resolution is 1280x1024 pixels.

– 2 network connections must be possible (incl. installed driver): 1x for controller connection, 1x for customer network.

– The TCP/IP network protocol must be installed.

– The installed graphics card must be approved by ZEISS and installed with OPEN-GL drivers.

Windows system and software requirements   6-13

Windows operating systems

The following Windows versions are suitable for CALYPSO 2018

– Windows 7 SP1 64 Bit

– Windows 10 64 Bit

NOTE

CALYPSO 2018 was tested under Windows 10, Version 1607.

If the software requirements are not available on the target system, they will be installed automatically during CALYPSO setup. See Software Contents and Current Changes for a detailed list of the software packages contained.