ACE® HIGH PERFORMANCE WORKSTATION
ACE LOGICAD 497A

Ace Computers' is the CCS-3 QEB2024B

High Performance Workstation, Performance Desktop, Office Desktop - Small Form Factor, Office Desktop - Mini Tower, Ultra Small Desktop, Ultra-Lightweight Notebook Awardee
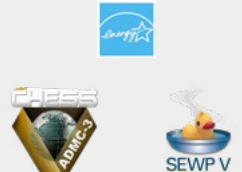
Contract # FA8055-22-A-3001

CCS@AceComputers.com

U.S. AIR FORCE

TAA Compliant Products

Built and tested under ISO 9001:2015 compliant manufacturing facility in Des Plaines, IL.

Key Specifications:

Part	Description
System	Ace LogiCAD 497A Tower Workstation
Case	Tower Chassis
CPU	AMD EPYC 7313P - 16 Cores/32 Threads 128MB Cache, 3.0GHz/3.7GHz
Memory	64GB ECC RAM
Storage	4TB M.2 NVMe
TPM	Discrete TPM
Graphics	NVIDIA RTX A2000
Power Supply	Dual Voltage 100-240V Autosensing
OS	Microsoft Windows 11 Enterprise Edition
Warranty	4-Year Standard On-Site Warranty
Mouse	Wired, USB Optical 2-Button Mouse
Keyboard	Wired, 104-Key USB Keyboard with Integrated Smart Card Reader (CAC)

Upgrade Options

Part	Description
Memory Option 1	Upgrade from 64GB ECC to 128GB ECC
Memory Option 2	Upgrade from 64GB ECC to 256GB ECC
Memory Option 3	Upgrade from 64GB ECC to 512GB ECC
Storage Option 1	Add 1TB M.2 NVMe to Base
Storage Option 2	1TB NVMe PCI-E 4.0 M.2 SSD Boot Drive to replace the 4TB Base Drive, 2 x 4TB SATA SSD for total of 8TB Storage Drives
Storage Option 3	Hard drives in RAID 5 configuration, 1TB PCI-E 4.0 M.2 Solid State Boot Drive, 1TB PCIe Solid State Drive + 12 TB (Three 4 TB SATA SSD drives plus RAID Controller) in RAID 5
Co Processor Option 1	NVIDIA RTX A2000
Co Processor Option 2	NVIDIA RTX 4000 ADA
Processor Option 1	Upgrade Base Processor to AMD EPYC 7443P - 24 Cores/48 Threads, 128MB Cache 2.85 GHz/4.0 GHz
Processor Option 2	Upgrade Base Processor to AMD EPYC 7543P - 32 Cores/64 Threads, 256MB Cache 2.8 GHz/3.7 GHz
Processor Option 3	Upgrade Base Processor to AMD EPYC 7643P - 48 Cores/96 Threads, 256MB Cache 2.3 GHz/3.6 GHz

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Upgrade Options Continued

Part	Description
Graphics (OpenGL) Option 1	Upgrade from Base card to RTX 2000 ADA, 16GB GDDR6 memory, NVidia Professional Series - Lovelace ADA Architecture
Graphics (OpenGL) Option 2	Upgrade from Base card to RTX 4000 ADA, 20GB GDDR6 memory, NVidia Professional Series - Lovelace ADA Architecture
OS Option 1	Windows 11 Professional NON-AFIN
OS Option 2	Linux with Red Hat Workstation Edition
Removeable Media	Add Internal Blu-Ray
Mouse	Remove Wired, USB Optical 2-Button Mouse
Keyboard	Remove Wired, 104-Key USB Keyboard with Integrated Smart Card Reader (CAC)
Removeable HDD Bay - SlimSAS to SlimSAS Cable	Removeable HDD Bay - cable kit (1:1)
Removeable HDD Bay - M.2 to Slim SAS adapter card	Removeable HDD Bay - M.2 kit (1:1)
Optional - Removebale NVME hotswap PCIe card	Removable NVMe Hotswap PCIe Card
Optional - Removeable NVME hotswap front mount	Removeable HDD Bay (1:1)
Optional - Fiber Card	Gigabit Fiber with MT-RJ
Optional - Fiber Card	Gigabit Fiber with SC
Optional - Fiber Card	Gigabit Fiber with ST
Optional - Fiber Card	Gigabit Fiber with LC
Optional - Fiber Card	Gigabit Fiber with SX/SC
Optional - Fiber Card	100MB Fiber with MT-RJ
Optional - Fiber Card	100MB Fiber with SC
Optional - Fiber Card	100MB Fiber with ST
Optional - Fiber Card	100MB Fiber with LC
Optional - Fiber Card	100MB Fiber with SX/SC
Removable Media	External CAC Reader
Keyboard	Wired, 104-Key USB Keyboard (Non-CAC)

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