

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



TAA Compliant Products

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



www.acecomputers.com | (877)-223-2667

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Key Specifications:

Part	Description
OS	Standard Desktop Configuration (SDC) latest version (64-bit Microsoft Windows Enterprise Edition with Microsoft Office Suite plus other applications)
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
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)

HPW Upgrades

Part	Description
OS Option 1	Load Windows 11 Pro Instead of SDC
Memory #1	Upgrade to 128GB DDR4-3200R-ECC
Memory #2	Upgrade to 256GB DDR4-3200R-ECC
Memory #3	Upgrade to 512GB DDR4-3200R-ECC
Storage #1	Add 1TB PCI-E 4.0 NVMe Solid State Drive
Storage #2	Upgrade 1TB NVMe plus 8TB Solid State Drive
Storage #3	Upgrade to 1 TB PCI-E NVMe SSD Plus 3x 4TB SSD (Raid 5)
Co-Processor #1	Add NVIDIA RTX A2000 (Single Precision Floating Point)
Co-Processor #2	Add NVIDIA RTX 4000 ADA (Double Precision FP Computation Capability)

Upgrade Options Continued on next page

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Upgrade Options Continued

Part	Description
Processor #1	Upgrade to AMD EPYC 7443P (24 Cores/48 Threads, 128MB Cache)
Processor #2	Upgrade to AMD EPYC 7543P (32 Cores/64 Threads, 256 MB Cache)
Processor #3	Upgrade to AMD EPYC 7643P (48 Cores/96 Threads, 256MB Cache)
Graphics #1	Upgrade to NVIDIA RTX 2000 ADA
Graphics #2	Upgrade to NVIDIA RTX 4000 ADA - 20GB GDDR6 ECC
Operating System #1	Load Windows 11 instead of SDC (not for use on the AFIN)
Operating System #2	Select Linux Red Hat Enterprise Workstation
Removable Media	Add Internal Blu-Ray Optical Drive
Mouse	Remove USB Optical 2 Button Mouse
Keyboard	Remove 104-Key USB with Integrated CAC Reader
BIOS/UEFI	Disable Audio
CAC Reader	Add external SCR3310 CAC Reader
Fiber Card #1	Upgrade with MT-RJ connector 1000G (N-GXE-SFP-02/MR-RJ)
Fiber Card #2	Upgrade with SC connector 1000G (N-GXE-SC-02)
Fiber Card #3	Upgrade with ST connector 1000G (N-GXE-ST-02)
Fiber Card #4	Upgrade with LC connector 1000G (N-GXE-LC-02)
Fiber Card #5	Upgrade with SX/SC connector 1000G (N-GXE-SC-02)
Fiber Card #6	Upgrade with MT-RJ connector 100G (N-FXE-MT-02)
Fiber Card #7	Upgrade with SC connector 100G (N-FXE-SC-02)
Fiber Card #8	Upgrade with ST connector 100G (N-FXE-ST-02)
Fiber Card #9	Upgrade with LC connector 100G (N-FXE-LC-02)
Fiber Card #10	Upgrade with SX/SC connector 100G (N-FXE-SC-02)
Keyboard	Replace with 104-key standard keyboard without CAC Reader
Removable Hard Drive	Add Removable Hard Drive Kit (Carrier, Frame and Rails Installed)

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