Ace® Vision™ X3B460STS
Powerful 10th Generation Performance with Multiple Graphics Options

2 Chassis Sizes for multiple customer needs - Designed for quiet desktop platforms.

- **Genuine Intel® 10th Generation Intel® Core™ i9/i7/i5/i3 Processors**
- **Nextgen Intel® UHD630 Video on the processor with DVI/VGA/DP/HDMI outputs**
- **Multiple Video Capabilities - 3 screens natively available and up to 2 discrete video cards**
- **Thermally advantaged small form factor desktop, or Mini-tower chassis**
- **Easy Maintenance - Tool-Free Access to system components is available**
- **300W (SFF) or 450W (Mini-Tower) auto-sensing high efficiency Power supply**
- **Trusted Platform Module 2.0 Standard**
- **Up to 128 GB DDR4 RAM (Up to 3200 MHz)**
- **2 Front USB 3.2, 2 USB 2.0, 4 Rear USB 3.2 (3 Type A, 1 Type C), 2 USB 2.0 Ports**
- **Intel® Gigabit Ethernet on board * Integrated High Definition Audio on board**
- **Fully Microsoft® WHQL™ Certified for Windows™ 7/8/10 * EPEAT Bronze Certified**
- **Highest Performance and Stable platforms until 2022**
# Technical Specifications

## Processor
- Intel® 10th Generation Core® i3/i5/i7/i9 processors using the 1151 pin processor socket, 14 and 10nm process

## Chipset
- Intel® B460 Chipset with integrated management

## Video
- Intel® UHD630™ Graphics Integrated inside the processor; DVI/VGA/HDMI/Displayport ports standard; Up to 2 discrete video cards are available;

## System Bus
- Ice Lake Architecture

## Memory
- 4 DIMM sockets supporting Non-ECC DDR4; 128GB memory supported 3200, 2933, 2667, 2400 MHz supported

## DIMM Sizes
- 4GB, 8GB, 16GB, 32GB DDR4 Non-ECC DIMMs; Supports dual channel memory (requires memory in pairs); Single channel memory supported

## Hard Drive
- Intel® SATA2 (3.0GB/S) and/or SATA3 (6.0GB/S) Controller; AHCI Support; Dual PCIe M.2 40 Lane PCIe x 4 gen 3 support in dedicated slot.

## Drive Bays
- Up to 8 Drive Bays; 1-2 External 5.25” Bays, 1 external 3.5” Drive bays; 2-5 internal 3.5” drive bays

## Audio
- 8 Channel High Definition Audio (7.1); 2 x 3 stack audio ports

## Chassis
- SFF: 13.1”W x 14.6”D x 3.8”H ; Mini-Tower: 7.3”W x 15.4”D x 14.2” H;

## Expansion
- 1 x PCI-E Gen 3 x 16 slot, 1 x PCI-E Gen 3 x 16 slot (x 4), 1 x PCI-E Gen 3 x 1 slot, 1 PCI Slot

## Management
- Intel® SBA (Small Business Advantage) management is available; Supports all major management suites; TPM 2.0 Standard

## Peripherals
- 24X DVD-RW standard; Blu-Ray drives optional

## Power Supply
- High Efficiency Energy Star rated Power supply is standard, 110V/220V; Rated at 300W (SFF) or 450W (Mini-tower); Energy Star 6.0 compliant; up to 92.07% efficiency

## System Cooling
- Adequate for all processors supported - varies with chassis

## Built-In I/O Ports
- 2 Front USB 2.0, 2 Front USB 3.2 ports, 3 Rear USB 3.2 Type A ports, 1 Rear USB 3.2 Type C, 2 Rear USB 2.0 Ports; 1 VGA port/1 HDMI port/1 Displayport port/1 DVI port, (1) RJ-45, (1) parallel port header, 1 Serial Port, 6 Audio jacks including Front and Rear Mic-In, (1) Audio-Out, (1) headphone (Front and Rear), Center/Rear/Side/Subwoofer Out

## Communications
- Genuine Intel® Gigabit Ethernet port built-in; PXE and Wake-On LAN Capable; Supports all management suites including Altiris™ and others

## Compatibility
- Microsoft Windows 7, 8, 8.1, 10, XP, Vista; Novell SuSE Linux, RedHat Linux V4, 5, 6, 7
- EPEAT™ Bronze Rated for Environmental Responsibility

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Ace Computers recommends Microsoft® Windows® Professional

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