

XPression Designer/Developer User-Supplied Hardware Platform

This document describes the Ross recommended hardware configuration for XPression Designer and Developer systems in which a customer or business partner supplies hardware. Bundled hardware and software solutions are also available from Ross Video.

Supported hardware is updated regularly with the latest information on processors, Hard Disk Drives, and more. Please read the specifications below to select the appropriate hardware to best meet the needs of your application.

Ross provides these recommendations on a best-efforts basis and cannot guarantee specific hardware performance parameters. Hardware performance and functionality is the responsibility of the hardware vendor. Customers or business partners supplying hardware are responsible for hardware installation, configuration, setup, and support.

Please feel free to contact us with questions at solutions@rossvideo.com.

★ Specifications subject to change.

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Specifications

Component	Minimum	Recommended	Tested Components
Power Supply	Select a power supply based on the power and connection requirements of the system components. Operate computer power supplies at 40% to 80% of their total capacity for optimal efficiency and overhead.		
Memory	16 GB	64 GB	64 GB (4 x 16 GB) 4800 MT/s DDR5 RDIMM with ECC
GPU	5 GB GDDR5 with PCI-E slots x 16	20 GB GDDR6	NVIDIA® RTX 4000 Ada 20 GB GDDR6 4 x 1.4a Display Ports
Mainboard	Select a mainboard that can support the requirements of your system components.		
CPU	6 CPU Cores @ 3.7 GHz (XPression is optimized for Intel© CPUs)	10 CPU Cores @ 2.7 GHz (XPression is optimized for Intel© CPUs)	Intel® Xeon Silver 4410T, 10-Core, 26.25 MB Cache, 2.7 GHz, 4.0 GHz Turbo
Storage	100 GB	• System Storage: 256 GB SSD • Media Storage: 1 TB SSD or HDD	
USB	• 1 available USB port for XPression USB License • 1 available USB port for XPression Software Installer USB • 2 available USB ports for keyboard and mouse		
Keyboard / Mouse	• Standard keyboard / 2 button mouse • Optional: XPression Custom Keyboard		
Operating System	Microsoft® Windows® 11 Professional, 64 bit		