

XPression Designer and 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 + 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 specific 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. It is recommended to operate most computer power supplies at 40% to 80% of their total capacity for optimal efficiency and overhead.		
Memory	8GB	16GB	16GB (2x8GB) 2666MHz DDR4 UDIMM Non-ECC
GPU	4GB GDDR5 with PCI-E slot x16	5GB GDDR5 with PCI-E slot x16	NVIDIA® Quadro® P2000, 5GB GDDR5, 1024 CUDA® Cores, 4x Display Port 1.4 with PCI-E slot x16
Mainboard	Select a mainboard that can support the requirements of your system components.		
CPU	6 CPU Cores @ 2.8GHz (XPression is optimized for Intel® CPUs)	6 CPU Cores @ 3.6GHz (XPression is optimized for Intel® CPUs)	Intel® Core™ i7-8700K, 6 Core, 12MB Cache, 3.7Ghz, 4.7Ghz Turbo
Storage	100GB	<ul style="list-style-type: none"> System Storage: 256GB SSD Media Storage: 1TB SSD or HDD 	
USB	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Standard keyboard / 2 button mouse Optional: XPression Custom Keyboard 		
Operating System	Microsoft® Windows® 10 Professional, 64 bit		