Epson Expression 1680

- **Scanner Type**: Flatbed color image scanner
- **Scanning Method**: Movement of reading mirror
- **Photometric/Electric Efficacy**: Color MatrixCCD Line Sensor
- **Maximum Bit Rate**: 8-bit x 11.7 (Gigabit x 28hit)
- **Light Source**: Xenon gas cold cathode fluorescent lamp
- **CCD Resolution**: 1680 x 3200 dpi with Monochrome, or 1680 x 3200 dpi with Interpolation
- **Scanning Speed**: 1680 dpi with 300 dpi with Interpolation
- **Effective Pixels**: 13,600 x 18,720 pixels (1600 dpi)
- **Effective Resolution**: 13,600 x 18,720 dpi with Interpolation
- **Optical Density**: 3.1 msc/line (approx.)
- **Reliability**: 300,000 cycles
- **Environmental Conditions**: Operating: 10% to 80% (no condensation)
- **Humidity**: Operating: 30% to 80% (no condensation)
- **Power Requirements**: AC 100V-120V, 220V-240V
- **Dimensions**: Width 13.1" (332mm), Height 5.2" (133mm), Depth 22.1" (562mm), Weight 18.7 lb (8.5 kg approx.)
- **Humidity**: Operating 10% to 80% (no condensation)
- **Operating Systems Supported**: Windows 95, 98, 2000, Me or NT 4.0
- **Optional Features**: 48-bit color and a 3.6 Dmax.

**Key Features**

- **6303 Blue Lagoon Drive, Miami, FL 33126**
- **3840 Kilroy Airport Way, Long Beach, CA 90806**
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- **Macintosh Minimum System Requirements**: Power Macintosh system with built-in SCSI port or a Max 6x-6.1 or later
- **Windows Minimum System Requirements**: PC with Pentium® equivalent or higher
- **Interface**: SCSI-2 and USB standard, IEEE 1394 FireWire optional
- **Specifications**: 1680 dpi with 300 dpi with Interpolation
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A remarkable breakthrough in high quality imaging, the EPSON Expression 1680 is Epson’s first 1600 x 3200 dpi flatbed scanner to feature 48-bit color and a 3.6 Dmax. Optimized to consistently deliver enhanced colors, subtle highlights, and sharp shadow detail, this affordable scanner sets a new standard in image quality.

The EPSON Expression 1680 excels through each scan with reliable performance and minimum noise. Our exclusive ColorTrue® II imaging System and MatrixCCD® technology combine custom optics, a Xenon lamp, Dynamic Range Control, and superior image processing for phenomenal results every time.

With the highest price/performance ratio in its category, this durable unit is perfect for your demanding workflow as a graphics artist, professional or photographer. Quickly and accurately, it delivers extraordinary results with virtually any original, from reflective media up to 8.5” x 11.7” and 23mm to B x 10” transparent film. Its Dual-Focus Mechanism, in combination with its custom film holders, eliminates the "Newton Ring" problem often associated with less sophisticated scanners.

The scanner supports both USB and SCSI connectivity with an optional high speed FireWire® Interface. It's compatible with both the Power Mac® G4 and the latest PCs. EPSON Scan Server software (PC) lets you network among Windows® and Macintosh® computers. It's available in four configurations: Special Edition, Artist, Professional and Professional FireWire. The Professional and Professional FireWire models include powerful software such as LaserSoft® SilverFast®, Qupixel®, and included in the scanner package, the Expression 1680 provides trouble-free setup and installation for Windows and Macintosh systems.

**Premium software bundle**

- LaserSoft SilverFast® AI 5 (professional scanning software)
- Macromator® (calibration software)
- Adobe® Photoshop LE (image editing software)
- NewSoft® Presto!® PageManager® (document management software)
- ScanSoft® “Bridge” Pro (OCR software)
- EPSON TWAIN Pro 3.0 software

* Macintosh only in the EPSON TWAIN Pro 3.0 software only.

Expressions of interest in high-speed printing for increased productivity; 10x10 color prints at 1600 dpi at approximately 60 seconds; scans a 35mm slide at 1600 dpi in approximately 60 seconds; scans an 8.5” x 11” color photo at 300 dpi in approximately 23 seconds.

USB and SCSI connectivity with optional FireWire Interface

Provides trouble-free setup and installation for Windows and Macintosh systems.