

Eos Family Control



Type(s)

Project

Date

Notes

GENERAL INFORMATION

The Eos Apex Processor carries the same power as Apex consoles, in a 2U 19-inch rack mount unit. It includes the same one- and ten-gigabit Ethernet connections as Apex consoles, making it a great choice to drive a high-powered rig on its own, or serve as a backup to keep large systems running safely. You can even monitor and interact with your system using the built-in haptic touchscreen. Or make the Eos Apex Processor into a workstation by adding USB-connectable devices - including touchscreens, Eos Fader Wings, and the Eos Programming Wing.

Eos Family software includes:

- Approachable yet powerful syntax for programmers of every level
- Industry-leading color control tools
- Magic Sheets for custom programming and displays
- Augment3d 3D programming and visualization environment
- Virtual Media Server function for pixel-mapping
- Timecode and automation integration
- Multi-user and multi-programmer working environment

For drawings, photos, and more, visit the [Eos Apex Processor](http://Eos Apex Processor) product webpage. To explore the latest software features, accessories, and other Eos Family products, visit [etcconnect.com/Eos](http://etcconnect.com/Eos).

ORDERING INFORMATION

EOS APEX PROCESSOR

MODEL	DESCRIPTION	PART NUMBER
EOS APEX PROC	Eos Apex Processor, 24,576 outputs	4450A1021 *

\* Add -US for Edison, -EU for Schuko/UK13A, -AZ for Australasian Type I

All models are available without wireless radios (WiFi and Bluetooth). Please contact ETC for ordering information.

For projects requiring more than 24K of output, please contact ETC.

SHIPS WITH:

- One three-button scroll mouse and mousepad
- Cherry tenkeyless backlit alpha-numeric keyboard
- Locking regionalized IEC power cord
- Two 24-inch LED gooseneck Littlites
- Augment3d AR target kit
- Dust cover



## EOS APEX PROCESSOR ACCESSORIES

MODEL	DESCRIPTION	PART NUMBER
SFP+10GB-SM-LC	SFP+ 10GB-SM-LC SFP+ 10GB Sled, single-mode fiber, Duplex LC connector *	N1126
SFP+10GB-MM-LC	SFP+10GB-MM-LC SFP+ 10GB Sled, multi-mode fiber, Duplex LC connector *	N1127
SFP+10GB-CP-RJ	SFP+10GB-CP-RJ SFP+ 10GB Sled, copper, RJ45 connector *	N1128
SFP+1GB-SM-LC	SFP+1GB-SM-LC SFP+ 1GB Sled, single-mode fiber, Duplex LC connector *	SGN1019
SFP+1GB-MM-LC	SFP+1GB-MM-LC SFP+ 1GB Sled, multi-mode fiber, Duplex LC connector *	SGN1021
SFP+1GB-CP-RJ	SFP+1GB-CP-RJ SFP+ 1GB Sled, copper, RJ45 connector *	TBD
EOS MFW 10	Eos Motorized Fader Wing 10	4240A1021 †
EOS MFW 20	Eos Motorized Fader Wing 20	4240A1022 †
EOS REM INT	Eos Remote Interface	4450A1041 †
ETCNOMAD BASE	Client Software Key Kit	4380A1011

\* For a complete list of ETC-qualified transceivers, visit [etconnect.com/Products/Consoles/Eos-Consoles/Apex/IO-Garage.aspx](https://etconnect.com/Products/Consoles/Eos-Consoles/Apex/IO-Garage.aspx)

† Add -US for Edison, -EU for Schuko/UK13A, -AZ for Australasian Type I

## HARDWARE AND INTERFACES

- 2U 19-inch rack-mount form factor
- One 5-inch high-resolution front panel display, with multi-touch and haptic touch feedback
- Supports three external display port monitors (1920x1080 minimum, 3840x2160 maximum), with optional single-touch or multi-touch screen control and DDC/CI support
- One dimmable warm-white LED accent light
- Solid-state hard drive
- Dedicated graphics processing
- IEC power input (100–240 VAC at 50/60 Hz), fused mains power switch, locking regionalized power cable included
- Four individually configurable Gigabit Ethernet ports, etherCON connectors, PoE++ (802.3bt compliant PSE)
- Two individually configurable 10-Gigabit SFP+ ports, which accept modules for copper, single-mode fiber, or multi-mode fiber connections
- sACN and Art-Net network output protocols
- USB 3.1 ports, for flash drives, pointing devices, keyboards (4 USB-A ports, 4 USB-C ports)
- One Kensington lock port
- Multiple MIDI and/or SMPTE timecode inputs, MIDI In and Out, Analog/Serial Inputs, OSC transmit/receive, UDP transmit/receive through network interface or Response Gateways

EOS APEX PROCESSOR DIMENSIONS AND WEIGHTS \*

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	mm	in	mm	in	mm	in	kg	lb
Eos Apex Processor	89	3.5	435	17.1	345	13.6	4.85	10.7
Eos Apex Processor in shipping container	343	13.5	604	23.8	343	13.5	TBD	TBD

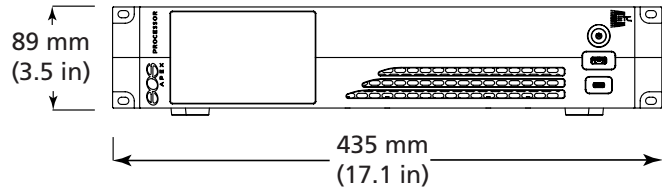
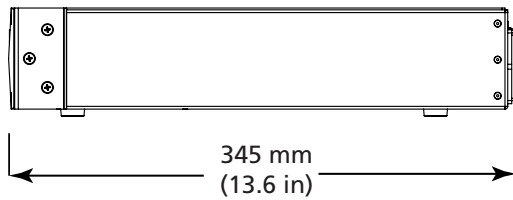
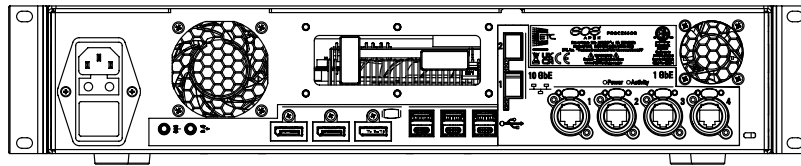
\* Dimensions and weights typical

ELECTRICAL AND THERMAL

- Power consumption approximately 5 A at 120 V or 230/240 V
- Ambient room temperature 0°–35°C (32°–95°F)
- Ambient humidity up to 90% non-condensing

REGULATORY AND COMPLIANCE

- CE compliant
- cETLus listed
- UKCA marked
- FCC compliant
- RoHS compliant
- WEEE



Corporate Headquarters • Middleton, WI USA  
 Global Offices • London, UK • Rome, IT • Holzkirchen, DE • Paris, FR • Hong Kong  
 Dubai, UAE • Singapore • New York, NY • Orlando, FL • Los Angeles, CA • Austin, TX  
 Copyright©2022 ETC. All Rights Reserved. All product information and specifications subject to change. Rev A 2022-02  
 Trademark and patent info: [etconnect.com/AP](http://etconnect.com/AP)