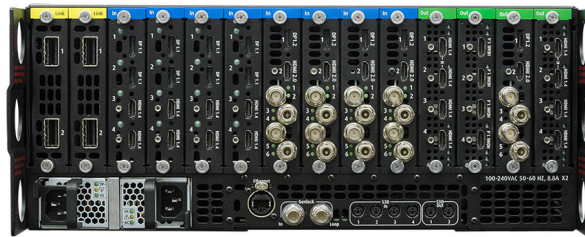
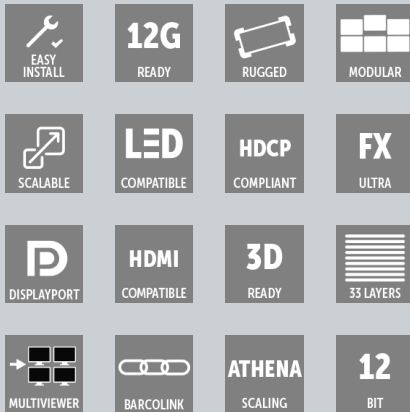


# E2 Tri-combo

Full sized 4K60p Event Master processor



- Full show control with pre-configured cards
- Native 4K60p input and output on a single cable
- Intuitive user interface

The Tri-combo configuration of the E2 features four Tri-combo input cards, and one Tri-combo output card. These new cards support 4K 60p on a single cable. With software version 6.0 and greater, the input cards support 2x 4K60p on a single cable or 6x HD inputs (when installed in dual capacity input slots). The Tri-combo output card supports 2x 4K 60p or 6x HD. This boosts the Tri-combo E2 configuration to an impressive 40 HD inputs or 12 4K60p inputs and up to 5 4K60p or 18 HD outputs. This new E2 has extra capacity and flexibility to support your growing shows.

**PRODUCT SPECIFICATIONS****E2 TRI-COMBO**

<b>Model</b>	NGS-4U
<b>Live effects canvas</b>	Up to 20 Megapixels PWW/PGM 40 Megapixels PGM only 80 Megapixels @30p and PGM only
<b>Video inputs</b>	<ul style="list-style-type: none"><li>■ 40 inputs via 8 input cards (HDMI/DP combo 4 inputs, Tri-combo 6 inputs per card)</li><li>■ Up to 12x 4K inputs -( HDMI/DP combo 1x 4K@60p, Tri-Combo 2x 4K@60p per card)</li><li>■ 16x SDI SD/HD/3G/6G/12G connectors</li><li>■ 8 x HDMI 1.4a (297 MPix/sec max)</li><li>■ 4 x HDMI 2.0 (594 MPix/sec max)</li><li>■ 8 x DisplayPort 1.1 (300 MPix/sec max)</li><li>■ 4 x DisplayPort 1.2 (600 MPix/sec max)</li></ul>
<b>Video outputs</b>	<ul style="list-style-type: none"><li>■ 18 HD outputs via 4 output cards (Event Master series cards)</li><li>■ Up to 5x 4K outputs</li><li>■ HDMI output card supports 1 4K60p or 4 HD. Tri-combo supports 2 4K60p or 6 HD</li><li>■ TriCombo output card supports 4 x SD/HD/3G/6G/12G 1x HDMI 2.0, and 1x DisplayPort 1.2 connectors</li><li>■ 8x HDMI 1.4a (297 Mpix/sec max)</li><li>■ 3x HDMI 1.4a output cards support 4 HDMI connectors each. The top two connectors of the card support up to 297 MPix/sec (2560x1600 typical). The bottom two connectors support 165 MPix/sec (1920x1200 typical).</li><li>■ The right most HDMI card (slot 14) may also be used as a two output Multi-viewer.</li></ul>
<b>Genlock</b>	Analog reference input/loop on BNC connectors; bi-level and blackburst at SD and tri-level at HD S3D Sync: 4x input Din connector, 2x output Din connector
<b>Program output</b>	<ul style="list-style-type: none"><li>■ Up to 18 program outputs configurable as single screens or tiled/blended widescreens (preview and Multi-Viewer not available in all configurations)</li><li>■ Up to 16x 2048x1200@60p or 4x 3840x2400@60p</li><li>■ Independent edge blending/feathering control for all four sides</li><li>■ Tri-combo supports 90degree output rotation</li></ul>
<b>Mixers</b>	<ul style="list-style-type: none"><li>■ Native resolution background mixer per output screen</li><li>■ Independent layer transitions or full Preview/Program transition</li><li>■ Flexible layer allocation – up to 16 mixable or 32 single scalable PIP/key layers assignable to Program output screens</li></ul>
<b>Still stores</b>	Up to 100 HD or 25 UHD, depending on the import file size
<b>Layer effects</b>	<ul style="list-style-type: none"><li>■ Borders (hard, soft, halo) and drop shadows</li><li>■ Color effects</li><li>■ Strobe, H&amp;V flip</li><li>■ Luma, chroma and Cut/Fill keys (not all modes support keying)</li><li>■ PIP moves via Keyframes</li></ul>
<b>Multiviewer</b>	<ul style="list-style-type: none"><li>■ Flexible user-definable layouts</li><li>■ Monitor all Inputs and Outputs, including Preview and Aux</li><li>■ Two outputs</li><li>■ Dedicated hardware same as E2 Event Master Processor</li></ul>

**PRODUCT SPECIFICATIONS****E2 TRI-COMBO**

<b>Expandability</b>	<ul style="list-style-type: none"><li>■ Easily expandable for larger display applications via proprietary links</li><li>■ Link units to increase available Inputs and Outputs for larger tiled/blended widescreen applications</li><li>■ Expansion via simple linking<ul style="list-style-type: none"><li>● Up to 8 E2 chassis can be linked</li></ul></li><li>● 2 linking cables are included with each E2 chassis</li></ul>
<b>HDCP</b>	HDCP compliance determined by installed cards.
<b>Serviceability</b>	<ul style="list-style-type: none"><li>■ Field-Serviceable I/O and processing cards (not hot-swappable)</li><li>■ Hot swappable dual-redundant power supplies</li></ul>
<b>Noise Level</b>	Max 52.9 dB avg. Fans at 100%. Fan speed is software-managed based on operating temperature. Reference ISO 7779
<b>Dimensions</b>	Height: 17.8 cm (7.0 in) -4 RU Rack mount Width: 43.2 cm (17.0 in) -without chassis handles, 48.3 cm (19 in) with chassis handles attached Depth: 56.9 cm (22.4 in) from front panel to rear panel, 62.2 cm (24.5 in) overall
<b>Weight</b>	31 kg (68 lbs)
<b>Power</b>	<ul style="list-style-type: none"><li>■ Input power: 100-240 VAC 50/60Hz 826 Watt</li><li>■ Dual-redundant, hot-swappable power supplies</li></ul>
<b>Warranty</b>	3 years parts and labor
<b>Environmental temperature</b>	0-40° C (32-104° F)
<b>Environmental humidity</b>	0-95% Non-condensing

Last updated: 08 Jan 2020

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.