

CMA-1612 12.1” Electronic Flight Bag



**Built
for the
cockpit.**

Safety is paramount when you decide to incorporate any type of electronics in the cockpit. That is why all Electronic Flight Bag (EFB) systems built by CMC Electronics undergo the latest environmental and test procedures for airborne equipment.

Every CMC EFB is subjected to testing for temperature, humidity, shock, vibration, voltage spikes and electromagnetic effects — like any other aircraft equipment. Our EFB systems are designed with cost-effective scalability and growth in mind, often without the need for Line Replacable Unit changes or downtime.

CMA-1612 12.1" Electronic Display Unit — Product Configuration*

Size	10.82" H x 9.05" W x 1.6" D; 12.1" (307 mm) diagonal screen Dimensions may vary based on mounting configuration.
Weight	Including batteries: 5.1 lb (2.3kg) maximum
Casing	Machined aircraft grade aluminum alloy
Battery	4-Cell rechargeable Lithium-Ion battery pack
Display	<ul style="list-style-type: none">• Active Matrix Liquid Crystal Display (AMLCD)• Portrait and landscape capable• Projected capacitive touch screen• Custom, LED backlight• Resolution 1024 x 768 (XGA); 24-bit (16 million color) palette• Fully dimmable from 800 nits to 0.5 nit• Viewing Characteristics: Vertical: +70°, -70°; Horizontal: +70°, -70° <p>The EDU display has very low reflectance and is readable in direct sunlight. An integrated ambient light sensor automatically adjusts brightness levels. The brightness level can also be easily adjusted using the controls in the bottom left corner of the EDU.</p>
Memory	The EDU provides 4GB of DDR3 RAM via a dual-channel DDR3 memory via an 1066MHz bus. Configurable from 4GB to a maximum of 8GB system memory.
Standard Storage	Mass storage is supported via a 1.8" MicroSATA Solid State Drive with capacities starting at 64GB. It supports Ultra DMA and ATA security feature with interface speed up to 300MB/s.
Processing Platform	The platform proposed is Intel® Core™ i7 based. It supports a 2.0GHz Intel® Turbo Boost Technology including 4MB Combined Cache and Enhanced Intel® Speed-step Technology for power management. The Graphics and memory controller are integrated within the CPU and support the Intel® HD Graphics.
EDU Power Interfaces	During normal aircraft operation, the PilotView® EFB is powered by an 18V ESMU-EDU interface. Battery backup in the EDU provides 45 minutes or more of independent power. When used outside of the aircraft in a portable manner, the EDU is powered by an optional 110-220VAC (50-60Hz) Power Adapter, similar to a laptop computer power supply.

For more information, visit www.cmcelectronics.ca
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