

Boeing 787 .....

# **BP5 EFB RETROFIT**

A Drop-in Replacement for BP4



**Astronautics**

CONNECTED AIRCRAFT SOLUTIONS

# Why Retrofit with BP5?



## REDUCED CREW TIME

### Application Launch

3 MINUTES.....**2X FASTER**

### Performance Calculation

30 SECONDS.....**8X FASTER**

### Nav Database Load\*

20 MINUTES.....**2X FASTER**



\* Approximation based on Navigation Database delta update



**BP4 Display**

# **ZERO AIRCRAFT CHANGES**



**100% BACKWARDS COMPATIBLE**  
with current **EU** installations

**NO DOWNTIME**  
for **EU** removal & replacement

**NO CHANGES**  
to rack, harness, wiring, or **displays** ...

## **Platform Improvements**

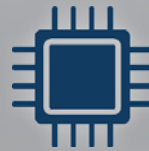
**10X INCREASE**  
in processing power

**3X RELIABILITY**  
of SSD vs BP4 HDD

**3LBS / AIRCRAFT**  
weight reduction (for 2 EUs)



# Product Specifications



**Intel Dual-Core i5**  
1.8GHz 8GB RAM



**Windows 10™ IoT OS**



**240GB SSD Memory**



<b>ARINC 429</b>	16 Rx 8 Tx
<b>ARINC 717</b>	1 Rx
<b>Ethernet</b>	5 (100 BASE-T)
<b>Eth. (Fiber)</b>	1 (1000 BASE-SX)



**2 MCU Rack-Mounted**  
<12.0LB / <5.45KG



**DO-254, DO-178B DAL D,  
and DO-160G**



## BP5 EU



## MODULAR DESIGN

- Upgradeable SSD memory
- Processor mezzanine card for SRU upgrades
- Secondary card slot for additional processor

## APP DEVELOPMENT

- Same OS as mobile devices
- Write or port apps for BP5 EU
- Boeing SDK available

