



*This Technical Advisory describes an issue which may or may not affect the customer's product*

# Intel Technical Advisory

TA-1106-2

5200 NE Elam Young Parkway  
Hillsboro, OR 97124

May 6, 2016

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## Lithium ion batteries shipping by air.

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### Update 1, 5/6/2016

After further analysis, Intel has determined that we can continue shipping our Battery Backup Units by air and we will restart shipping batteries immediately.

### Products Affected

Intel® RAID Smart Batteries AXXRSBBU3, AXXRSBBU3S, AXXRSBBU4, AXXRSBBU6, AXXRSBBU7, AXXRSBBU7D10, AXXRSBBU7S, AXXRSBBU8 and AXXRSBBU9

### Description

New regulations applicable to air shipments of lithium batteries have been approved, this affects the way we ship batteries to our customers.

### Root Cause

The International Air Transport Association (IATA) has made changes in the regulation for batteries transportation as cargo on passenger aircraft.

Those changes state amongst other things that the state of charge should not exceed 30% of their rated design capacity. The number of batteries that can be shipped has also been limited to one package per consignment. Over packs may contain no more than 8 cells or 2 batteries. And the cargo can only be shipped on cargo planes.

Lithium ion Batteries installed in equipment or packed with equipment can still be shipped on a passenger aircraft and the SOC (state of charge) does not matter as long as the battery is installed or packed with the equipment the battery is intended to power.

The complete document can be consulted here: <http://www.iata.org/whatwedo/cargo/dgr/Documents/lithium-battery-update.pdf>. Compliance with the new regulations is mandatory effective April 1, 2016.

### Resolution

At the time of publication, all available inventory of Battery Backup Units, including units previously shipped to customers currently exceeds 30% state of charge and cannot therefore be shipped via Air transportation. As such, in order to remain compliant, Intel has made the decision to temporarily stop shipments to customers in countries and locations that are only fulfilled by Air routes, including but not limited to; Australia, China, Cyprus, Japan, Latvia, Lebanon, New Zealand, South Africa, South Korea, Thailand and Turkey.

In the meantime, Intel has taken steps to forward-stage limited quantities of Battery Backup Units to local warehouses worldwide, and will be supporting orders on a "Restricted Ship" basis to eligible locations serviced by land and sea routes. Customers should expect to see lead-times for Battery Back-up Units increase by up to 6 weeks depending on available inventory and are therefore encouraged to place orders in advance of requirements.

Intel is actively investigating all options for a long term solution to restore responsiveness and worldwide availability for Intel RAID Smart Batteries and while remaining compliant with all regulations, and will publish additional updates shortly.



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