

## BIOS Notes Release

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<b>Product Name</b>	<b>X10QBi</b>
<b>Release Version</b>	<b>3.2</b>
<b>Release Date</b>	<b>5/31/2019</b>
<b>Previous Version</b>	<b>3.1</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<b>1. Changed BIOS revision to 3.2. 2. Updated Intel microcode 0x715 for IvyBridge-EX, 0x14 for Haswell-EX, and 0x36 for Broadwell-EX to address Intel-SA-00233 security issue.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>N/A</b>

### *Release Notes from Previous Release(s)*

#### **3.1 (6/12/2018)**

*1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.*

#### **3.0b (3/20/2018)**

- 1. Changed BIOS revision to 3.0b.*
- 2. Updated Intel Xeon microcode for Broadwell-EX - Rev 2A for Intel Xeon E7-xxxx V4.*
- 3. Updated Intel Xeon microcode for Haswell-EX - Rev 11 for Intel Xeon E7-xxxx V3.*