

# BIOS Release Notes Form

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<b>Product Name</b>	<b>X13SCH</b>
<b>Release Version</b>	<b>1.1</b>
<b>Release Date</b>	<b>12/08/2023</b>
<b>Build Date</b>	<b>12/08/2023</b>
<b>Previous Version</b>	<b>1.0</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. [BKCWW41] Updated Microcode 0xB0671 to 0x11F and 90672 to 0x34 per Intel Catlow BKC WW41.</li><li>2. [WW39] Upgraded SPS Tool version and FW from MFit_SPS_E3_06.02.04.006.0_kn3 to MFit_SPS_E3_06.02.04.008.0_kn3.</li><li>3. Fine tune get VPD data routines delay to avoid system trigger w/a and keep rebooting.</li><li>4. "System Mode: Deployed" was not displayed as expected when enabling Secure Boot.</li><li>5. Updated the Intel MRC to 0C.00.6B.41 per Intel Catlow BKC WW41. (3384.00)</li><li>6. Added BIOS setup keyword search function.</li><li>7. Grayed out "Preferred DNS server IP" and "Alternative DNS server IP".</li></ol>

	<ol style="list-style-type: none"> <li>8. The Intel RSTe name was removed and all RAID solutions in this product were branded as Intel VROC.</li> <li>9. Updated Intel Gigabit Lan driver to 9.8.09 (IBA 27.6).</li> <li>10. Fixed System - PNP (disable and enable) with IO.</li> <li>11. Implemented Anti roll back for OOB that could not power on after roll back ME.</li> <li>12. Triggered PERR SMBIOS Type 15 log will change the root port bridge to End-Device BDF.</li> <li>13. When set the Boot mode to Dual mode and Set the UEFI USB key to Boot Order#1 the system would hang up, and couldn't reset the system.</li> <li>14. Fixed Option ROM Messages, INT19 Trap Response, and Numlock on SUM GetCurrentBiosCfge.</li> <li>15. Default disable OOB send replace DisplayName feature to avoid that the SUM OOB test fail problem.</li> </ol>
New features	None
Fixes	<ol style="list-style-type: none"> <li>1. Added when enable PCH PCIe swap function, and system reset the Early Video function can't be worked. (Default disable)</li> <li>2. SMBIOS Type 04 CPU current speed set the non-turbo mode.</li> <li>3. Updated Setup items of COM name.</li> <li>4. Modified BUS number of SMBIOS type 41.</li> <li>5. Fixed ME status will enter recovery mode when flashing the BIOS via afuefix64.efi.</li> <li>6. [SmcUefiBootsOptionRedfish] Made sure to assign unique ID for NVME device.</li> <li>7. [X13SCH] Fixed SMBIOS type 9 report error slot for X13SCH_SYS SKU.</li> </ol>

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

***1.0 (09/01/2023)***

1. *First release.*