

# BIOS Release Notes Form

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<b>Product Name</b>	<b>X12SPL</b>
<b>Release Version</b>	<b>1.1</b>
<b>Release Date</b>	<b>4/9/2021</b>
<b>Build Date</b>	<b>4/9/2021</b>
<b>Previous Version</b>	<b>1.0</b>
<b>Update Category</b>	<b>Critical</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. Updated RC 20.P95 for PV RC update.</li><li>2. Updated BIOS ACM 1.0.9 and SINIT ACM 1.0.9.</li><li>3. Updated SPS 4.4.4.53.</li><li>4. Automatically disabled and hid ADDDC with x8 width DIMM.</li><li>5. Extended memory DIMM serial number information (Samsung, Micron, Hynix).</li><li>6. Enhanced SMC DCPMM feature.</li><li>7. Automatically disabled and grayed out ADDDC, UMA-Base Clustering, and mirror mode and enabled NUMA when SGX is enabled.</li><li>8. Set relation setup to restore setting after "Factory Mode" is disabled.</li><li>9. Removed 4G limit of Intel LAN memory if boot mode is not legacy.</li></ol>

	<p>10. Set all OPROM control items to Legacy when boot mode is set to Dual.</p> <p>11. Updated SATA/sATA EFI driver to VROC PreOS v7.5.0.1152.</p> <p>12. Updated BPS firmware to 2.2.0.1553.</p> <p>13. Set BootGuard to enabled by default.</p> <p>14. Removed iSCSI option from LAN OPROM item.</p> <p>15. Removed 4G limit of Intel LAN memory if boot mode is EFI.</p> <p>16. Set PCH PCIe ASPM to disabled if CPU PCIe global ASPM is disabled.</p> <p>17. Stopped sending major code 0x2A (no memory ) SEL.</p> <p>18. Added support for VROC OOB.</p> <p>19. Changed "SMCI PMem Formset" to "SMCI PMem Configuration".</p>
<p>New features</p>	<p>N/A</p>
<p>Fixes</p>	<p>1. Fixed problem of BIOS initialization showing IPV6 address when IPV6 is disabled in the IPMI GUI.</p> <p>2. Filtered Dynamic HDD Security pages to patch failure of SUM ChangeBiosCfg.</p> <p>3. Set AFU to stop if there are no parameters.</p> <p>4. Fixed mismatch of memory device in IPMI and in BIOS setup when some memory DIMMs are mapped out.</p> <p>5. Corrected display of IPv6 when IPv6 status is not active.</p> <p>6. Fixed inability to upload all OOB files on the first BMC boot.</p> <p>7. Fixed failure of Secure Boot Append/Update Keys.</p> <p>8. Corrected display of UEFI OS boot option name in BIOS setup.</p> <p>9. Corrected SMBIOS Type 41 onboard VGA description string to AST2600.</p> <p>10. Fixed failure of SUT to prompt "Enter User password" screen after setting a password when plugging in SED device.</p>

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|  | <ul style="list-style-type: none"><li><b>11. Fixed failure of the HDD security menu to show when more than 6 HDDs are connected on system.</b></li><li><b>12. Fixed inability of AOC NVMe card to change to VMD mode when setting NVMe switch to VMD.</b></li><li><b>13. Fixed inability to report onboard LAN MAC address to IPMI when onboard LAN uses 64bit memory resource.</b></li><li><b>14. Fixed failure of Microsoft HLK certification and TPM 2.0 UEFI Preboot Interface Test on Microsoft Server 2019.</b></li><li><b>15. Fixed problem with a CPU exception.</b></li><li><b>16. Fixed failure to hide the SmcSecureErase setup page when no HDD devices are plugged in.</b></li><li><b>17. Fixed problem of T-states always showing 15 levels even when T-state is disabled.</b></li><li><b>18. Recalibrated DIMM size when rank is disabled.</b></li><li><b>19. Corrected memory device number in SMBIOS type 16.</b></li></ul> |
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***Release Notes from Previous Release(s)***

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