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| **Product Model:** IN1 | | **BIOS Kernel:** 5.14\_1AVHI\_RC8.0.52.40\_029 | | **Date:** 2020/03/24 | |
| **System BIOS:** IN1V105 | | **Intel GOP Driver:**14.0.1029 | | **Reference code:** 8.0.52.40 | |
| **ME Version:** 13.0.20.1310 | |
| **EC Version：**V1.00 | | **Microcode Version:**  M80706E5\_0000004A.pdb | | **VEB Version：**Aptio\_5.x\_TOOLS\_35 | |
| **Keypart Support:** Panel: BOE  Battery: 优特利（7400mAh)  WIFI: AX201  Codec: ALC256 | | | | | |
| **Released By:** Xrong Lin | | | **Approved By:** | | |
| **Item.** | **Bug #.** | Root cause and change description | | | **Reference** |
| 1. |  | Add Retimer capsule update function for IN1. | | |  |
| 2. |  | Update EC to V1.00. | | |  |
| **Remark** | | | | | |
| **Checksum:** | | | | | |
| File | | For SPI Burner | (ALL) Checksum | | |
| IN1V105\_Hasee.rom | | Y | 0XC9812D98 | | |
| **Notice：** | | | | | |
| **Please use IN1V105\_Hasee.rom in ROM folder for SMT.** | | | | | |

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| **Product Model:** IN1 | | **BIOS Kernel:** 5.14\_1AVHI\_RC8.0.52.40\_029 | | **Date:** 2020/01/03 | |
| **System BIOS:** IN1V104 | | **Intel GOP Driver:**14.0.1029 | | **Reference code:** 8.0.52.40 | |
| **ME Version:** 13.0.20.1310 | |
| **EC Version：**V0.11 | | **Microcode Version:**  M80706E5\_0000004A.pdb | | **VEB Version：**Aptio\_5.x\_TOOLS\_35 | |
| **Keypart Support:** Panel: BOE  Battery: 优特利（7400mAh)  WIFI: AX201  Codec: ALC256 | | | | | |
| **Released By:** Xrong Lin | | | **Approved By:** | | |
| **Item.** | **Bug #.** | Root cause and change description | | | **Reference** |
| 1. |  | Fix OS recovery function fail issue. | | |  |
| **Remark** | | | | | |
| **Checksum:** | | | | | |
| File | | For SPI Burner | (ALL) Checksum | | |
| IN1V104\_Hasee.rom | | Y | 0xC98388AE | | |
| **Notice：** | | | | | |
| **Please use IN1V104\_Hasee.rom in ROM folder for SMT.** | | | | | |

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| **Product Model:** IN1 | | **BIOS Kernel:** 5.14\_1AVHI\_RC8.0.52.40\_029 | | **Date:** 2019/12/30 | |
| **System BIOS:** IN1V103 | | **Intel GOP Driver:**14.0.1029 | | **Reference code:** 8.0.52.40 | |
| **ME Version:** 13.0.20.1310 | |
| **EC Version：**V0.11 | | **Microcode Version:**  M80706E5\_0000004A.pdb | | **VEB Version：**Aptio\_5.x\_TOOLS\_35 | |
| **Keypart Support:** Panel: BOE  Battery: 优特利（7400mAh)  WIFI: AX201  Codec: ALC256 | | | | | |
| **Released By:** Xrong Lin | | | **Approved By:** | | |
| **Item.** | **Bug #.** | Root cause and change description | | | **Reference** |
| 1. |  | Add customer`s information for TAG. | | |  |
| 2. |  | Fix BIOS can not be rolled back to old version through AFU tool. | | |  |
| **Remark** | | | | | |
| **Checksum:** | | | | | |
| File | | For SPI Burner | (ALL) Checksum | | |
| IN1V103\_TAG.rom | | Y | 0xC984F960 | | |
| **Notice：** | | | | | |
| **Please use IN1V103\_TAG.rom in ROM folder for SMT.** | | | | | |

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| **Product Model:** IN1 | | **BIOS Kernel:** 5.14\_1AVHI\_RC8.0.52.40\_029 | | **Date:** 2019/12/20 | |
| **System BIOS:** IN1V102 | | **Intel GOP Driver:**14.0.1029 | | **Reference code:** 8.0.52.40 | |
| **ME Version:** 13.0.20.1310 | |
| **EC Version：**V0.11 | | **Microcode Version:**  M80706E5\_0000004A.pdb | | **VEB Version：**Aptio\_5.x\_TOOLS\_35 | |
| **Keypart Support:** Panel: BOE  Battery: 优特利（7400mAh)  WIFI: AX201  Codec: ALC256 | | | | | |
| **Released By:** Xrong Lin | | | **Approved By:** | | |
| **Item.** | **Bug #.** | Root cause and change description | | | **Reference** |
| 1. |  | Update EC to V0.11 to support the function to read PD FW version. | | |  |
| **Remark** | | | | | |
| **Checksum:** | | | | | |
| File | | For SPI Burner | (ALL) Checksum | | |
| IN1V102\_Hasee.rom | | Y | 0xC9822125 | | |
| **Notice：** | | | | | |
| **Please use IN1V102\_Hasee.rom in ROM folder for SMT.** | | | | | |

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| **Product Model:** IN1 | | **BIOS Kernel:** 5.14\_1AVHI\_RC8.0.52.40\_029 | | **Date:** 2019/12/20 | |
| **System BIOS:** IN1V101 | | **Intel GOP Driver:**14.0.1029 | | **Reference code:** 8.0.52.40 | |
| **ME Version:** 13.0.20.1310 | |
| **EC Version：**V0.11 | | **Microcode Version:**  M80706E5\_0000004A.pdb | | **VEB Version：**Aptio\_5.x\_TOOLS\_35 | |
| **Keypart Support:** Panel: BOE  Battery: 优特利（7400mAh)  WIFI: AX201  Codec: ALC256 | | | | | |
| **Released By:** Xrong Lin | | | **Approved By:** | | |
| **Item.** | **Bug #.** | Root cause and change description | | | **Reference** |
| 1. |  | Enable Fingerprint as customer`s requirement. | | |  |
| 2. |  | Update EC to V0.11 to support the function to read PD FW version. | | |  |
| **Remark** | | | | | |
| **Checksum:** | | | | | |
| File | | For SPI Burner | (ALL) Checksum | | |
| IN1V101.rom | | Y | 0xC99E9775 | | |
| **Notice：** | | | | | |
| **Please use IN1V101.rom in ROM folder for SMT.** | | | | | |

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| **Product Model:** IN1 | | **BIOS Kernel:** 5.14\_1AVHI\_RC8.0.52.40\_029 | | **Date:** 2019/12/17 | |
| **System BIOS:** IN1V100 | | **Intel GOP Driver:**14.0.1029 | | **Reference code:** 8.0.52.40 | |
| **ME Version:** 13.0.20.1310 | |
| **EC Version：**V0.10 | | **Microcode Version:**  M80706E5\_0000004A.pdb | | **VEB Version：**Aptio\_5.x\_TOOLS\_35 | |
| **Keypart Support:** Panel: BOE  Battery: 优特利（7400mAh)  WIFI: AX201  Codec: ALC256 | | | | | |
| **Released By:** Xrong Lin | | | **Approved By:** | | |
| **Item.** | **Bug #.** | Root cause and change description | | | **Reference** |
| 1. |  | Enable SATA port 2 by default. | | |  |
| 2. |  | Remove customized information. | | |  |
| **Remark** | | | | | |
| **Checksum:** | | | | | |
| File | | For SPI Burner | (ALL) Checksum | | |
| IN1V100.rom | | Y | 0xC99C0B1F | | |
| **Notice：** | | | | | |
| **Please use IN1V100.rom in ROM folder for SMT.** | | | | | |

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| **Product Model:** IN1 | | **BIOS Kernel:** 5.14\_1AVHI\_RC8.0.52.40\_029 | | **Date:** 2019/11/18 | |
| **System BIOS:** IN1V013 | | **Intel GOP Driver:**14.0.1029 | | **Reference code:** 8.0.52.40 | |
| **ME Version:** 13.0.20.1310 | |
| **EC Version：**V0.10 | | **Microcode Version:**  M80706E5\_0000004A.pdb | | **VEB Version：**Aptio\_5.x\_TOOLS\_35 | |
| **Keypart Support:** Panel: BOE  Battery: 优特利（7400mAh)  WIFI: AX201  Codec: ALC256 | | | | | |
| **Released By:** Xrong Lin | | | **Approved By:** | | |
| **Item.** | **Bug #.** | Root cause and change description | | | **Reference** |
| 1. |  | Modify PL2 to 46W as thermal team`s requirement for IN1. | | |  |
| 2. |  | Hide some setup items by default for IN1. | | |  |
| **Remark** | | | | | |
| **Checksum:** | | | | | |
| File | | For SPI Burner | (ALL) Checksum | | |
| IN1V013.rom | | Y | 0xC9734A13 | | |
| **Notice：** | | | | | |
| **Please use IN1V013.rom in ROM folder for SMT.** | | | | | |

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| **Product Model:** IN1 | | **BIOS Kernel:** 5.14\_1AVHI\_RC8.0.52.40\_029 | | **Date:** 2019/10/31 | |
| **System BIOS:** IN1V012 | | **Intel GOP Driver:**14.0.1029 | | **Reference code:** 8.0.52.40 | |
| **ME Version:** 13.0.20.1310 | |
| **EC Version：**V0.10 | | **Microcode Version:**  M80706E5\_0000004A.pdb | | **VEB Version：**Aptio\_5.x\_TOOLS\_35 | |
| **Keypart Support:** Panel: BOE  Battery: 优特利（7400mAh)  WIFI: AX201  Codec: ALC256 | | | | | |
| **Released By:** Xrong Lin | | | **Approved By:** | | |
| **Item.** | **Bug #.** | Root cause and change description | | | **Reference** |
| 1. |  | Update EC to V00.10. | | |  |
| 2. |  | Update codebase to 5.14\_1AVHI\_RC8.0.52.40\_029. | | |  |
| **Remark** | | | | | |
| **Checksum:** | | | | | |
| File | | For SPI Burner | (ALL) Checksum | | |
| IN1V012.rom | | Y | 0xC9745750 | | |
| **Notice：** | | | | | |
| **Please use IN1V012.rom in ROM folder for SMT.** | | | | | |