

“M1/M1E Momentum Processors 171CBUx809x” FIRMWARE HISTORY
 See UnityPro online help, chapter *Upgrading Firmware for the 171 CBU x809x Processors*

NOTICE

Firmware downward compatibility limitation for PV 07 and above
 => do not downgrade a 171CBUx809x PV>=07 to a SV< 2.00
Failure to follow these instructions can result in equipment damage.

| Version # | Date of Publication | Internal reference | Description |
|-----------|---------------------|--------------------|---|
| SV2.10 | 12/2019 | PEP0546792R | Fixed that Cyber security issue on 171CBUx809x Wind River VxWorks TCP/IP Stack (IP net) Vulnerability |
| | | PEP0540238R | Fixed that 171CBU98090 may stop operation when receiving pipelined Modbus/TCP responses in specific condition |

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|-----------|---------------------|--------------------|---|
| SV2.01 | 06/2018 | PEP0462762R | Fixed that Global Data does not operate with FW V2.0. |
| | | PEP0469214R | Fixed that IP assignment via Bootp not working with FW V2.0 |

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|-----------|---------------------|--|---|
| SV2.00 | 12/2017 | PEP0422546R PEP0424665R PEP0428833R PEP0430403R PEP0433545R PEP0435112R | Fixed the issue that MDI unexpected stop with code EC10 and EC00 |
| | | PEP0325233R | Fixed the issue that UPV11-XXMIT will not perform any communication retries |
| | | PEP0338518R | Enhanced to support a new NAND flash component used in MDI |
| | | PEP0363460R PEP0410404R PEP0427848R PEP0388567R | Fixed to improve the Cyber-security vulnerability in Unity Momentum |
| | | PEP0363480R | Fixed the issue that miss information for use of Hivision software or diagnostic Ethernet software (SNMP) |
| | | PEP0387789R | Fixed the issue that MDI limitation of number of request by cycle with unexpected behavior of COMSYS has been detected. |
| | | PEP0388069R | Fixed the issue that stopped code FFFB randomly occurs |
| | | PEP0399277R | Fixed the issue that SNMP request works only 1 time by software and the Second request fails. |
| | | PEP0399394R | Fixed the issue that MBP_MSTR connection can take 1 minute to free connection |
| | | PEP0422986R | Fixed the issue that IO Bus drops out momentarily when online changes made |

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| SV1.31 | 12/2016 | PEP0351418R PEP0378320R | Fixed the issue that Momentum CPU memory loses values after power micro cut |

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| SV1.30 | 09/2016 | PEP0291249R PEP0304120R | Enhanced to add data Dictionary capability for Momentum |
| | | PEP0296804R | Fixed the issue that Error code 0x0c8a in a Unity Momentum CPU |
| | | PEP0301548R | Fixed the issue that 171CBU9809x-Ethernet RESET after 0 window size in SYN, ACK from server |
| | | PEP0301901R | Fixed the issue that Momentum Unity CPU + 170INT11003 & MUCM Niobrara could not be used. |
| | | PEP0323058R | Fixed the issue that outputs of IO modules would random ON if IO Bus is disrupted |
| | | PEP0303593R | Enhanced to support a new IO module (generic module) on IO bus |

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| SV1.21 | 12/2015 | PEP0304929R PEP0302853R | Fixed the issue that No DHCP/BOOTP requests be sent at power up |

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| SV1.20 | 05/2015 | PEP0272617R | Fixed the issue that UM1E I/O 171CBU9809x V1.0 Cannot I/O scan through a router. |
| | | PEP0260464R | Fixed the issue that A Unity Momentum is configured with I/O modules on its IO Bus network. If IO Bus communications is disrupted, then any discrete output on the IO Bus that was on will remain ON instead of going OFF. |