



Declaration of Conformity

OnLogic, Inc.
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We of **OnLogic, Inc.** and **OnLogic, BV** hereby declare that Equipment:

Rugged Fanless PC model(s): xxxxxK8YYxxxxxxxxxxxxxxxx (where 'x' is any alphanumeric character, "-", or blank and Y is any alphanumeric character designation configuration differences)

is in conformity with the applicable requirements of the following Directives:

- 2014/30/EU Electromagnetic Compatibility Directive (EMC)
- 2014/35/EU Low Voltage Directive (LVD)
- 2014/53/EU Radio Equipment Directive (RED)
- 2015/863/EU RoHS 3 Directive (RoHS)
- 2012/19/EU WEEE Directive (WEEE)

and references the following harmonized standards used in relation to which conformity is declared:

| Standards | |
|---|--|
| EN 55032:2015/A11:2020 (CISPR 32:2015/A11:2020)(VCCI-CISPR 32:2016) | Electromagnetic Compatibility of Multimedia Equipment – Emissions Requirement |
| EN 55035:2017/A11:2020 (CISPR 35:2017/A11:2020) | Electromagnetic Compatibility of Multimedia Equipment – Immunity Requirement |
| EN 50121-3-2:2019 | Electromagnetic Compatibility for Railway Applications |
| EN 60601-1-2:2014/A:2020 | Electromagnetic Compatibility of Medical Equipment |
| EN 62368-1:2014/A11:2017 | Audio/video, information and communication technology equipment - Part 1 - Safety Requirement |
| ISO 7637-2:2011 | Road Vehicles – Electrical Disturbances from Conduction and Coupling – Part 2: Electrical Transient Conduction along Supply Lines Only |



| | |
|------------------------------|---|
| ISO 16750-2:2012 | Road Vehicles – Environmental Conditions and Testing for Electrical and Electronic Equipment - Part 2: Electrical Loads |
| IEC 60945 Ed. 4:2002/A1:2008 | Maritime Navigation and Radiocommunication Equipment and Systems |

Report: GM222023c, GM222024x, GM222025x

I hereby declare the equipment named above has been designed and/or tested to comply with the relevant sections of the above referenced specifications. The unit complies with all applicable Essential Requirements of the Directives:

By:

Ryan Wade

Date 2022-09-13

Name:

Title:



Refer below for additional testing details:

| Radio Equipment Directive (RED) when WiFi/BT is included | |
|--|---|
| EN 301 328 v2.2.2 (2019-07) | Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU |
| EN 301 489-1 v2.2.1 (2019-03) | Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonized Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU |
| EN 301 489-17 v3.2.2 (2019-12) | Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17 Specific conditions for Broadband Data Transmissions Systems; Harmonized Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU |
| EN 301 893 v3.2.2 (2017-05) | 5 GHz RLAN; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU |
| EN 62311:2020 | Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300GHz) |



| Electromagnetic Compatibility of Multimedia Equipment (CISPR 32 & 35) | |
|---|---|
| EN 55032, Class A/EN 50121-3-2 30 MHz -6000 MHz | EMC Enclosure - Radiated Emissions |
| EN 55032, Class A/EN 50121-3-2 .15 MHz -30 MHz | EMC Enclosure - Conducted Emissions |
| EN 61000-4-2:2009 4 kV contact/8 kV air | EMC Enclosure - ESD Immunity |
| EN 61000-4-3 3 V/m, 80 MHz - 5000 MHz | EMC Enclosure - Radiated Immunity |
| EN 61000-4-4:2012 1 kV | EMC AC Power - EFT Immunity |
| EN 61000-4-4:2012 0.5 kV | EMC Signal Line - EFT Immunity |
| EN 61000-4-5 2 kV line-to-ground/1 kV line-to-line | EMC AC Power - Surge Immunity** |
| EN 61000-4-6 3 V 150 kHz – 80 MHz | EMC AC Power - Conducted Immunity |
| EN 61000-4-6 3 V | EMC Signal Line - Conducted Immunity |
| EN 61000-4-11 | EMC AC Power - Dips/Interrupts Immunity |

*** Medical surge immunity met with EDAC EA1024PR and EA1011D and EA10681V-190 power adapters. Alternate medical type power adapters are required to meet leakage current requirements of 60601-1.*



| Electromagnetic Compatibility for Railway Applications (EN 50121-3-2) | |
|---|---|
| EN 55032, Class A/EN 50121-3-2 30 MHz -6000 MHz | EMC Enclosure - Radiated Emissions |
| EN 55032, Class A/EN 50121-3-2 .15 MHz -30 MHz | EMC Enclosure - Conducted Emissions |
| EN 61000-4-2:2009 6 kV contact/8 kV air | EMC Enclosure - ESD Immunity |
| EN 61000-4-3 20 V/m, 80 MHz - 6 GHz | EMC Enclosure - Radiated Immunity |
| EN 61000-4-4:2012 2 kV | EMC AC Power - EFT Immunity |
| EN 61000-4-4:2012 2 kV | EMC Signal Line - EFT Immunity |
| EN 61000-4-5 2 kV line-to-ground/1 kV line-to-line | EMC AC Power - Surge Immunity** |
| EN 61000-4-6 10 V 150 kHz – 80 MHz | EMC AC Power - Conducted Immunity |
| EN 61000-4-6 10 V 150 kHz – 80 MHz | EMC Signal Line - Conducted Immunity |
| EN 61000-4-11 | EMC AC Power - Dips/Interrupts Immunity |

*** Medical surge immunity met with EDAC EA1024PR and EA1011D and EA10681V-190 power adapters. Alternate medical type power adapters are required to meet leakage current requirements of 60601-1.*



| Electromagnetic Compatibility of Medical Equipment (EN 60601-1-2) | |
|--|---|
| EN 61000-4-2 8 kV contact/15 kV air | EMC Enclosure - ESD Immunity |
| EN 61000-4-3 Table 9 3 V/m | EMC Enclosure - Radiated Immunity |
| EN 61000-4-4 2 kV | EMC AC Power - EFT Immunity |
| EN 61000-4-4 1 kV | EMC Signal Lines - EFT Immunity |
| EN 61000-4-6 6 V | EMC Signal Line - Conducted Immunity |
| EN 61000-4-8 30 A/m, 50 Hz/60 Hz | EMC Enclosure - Magnetic Immunity |
| EN 61000-4-11 | EMC AC Power - Dips/Interrupts Immunity |

| Electromagnetic Compatibility for Automotive Applications (ISO 16750-2 & 7637-2) | |
|---|------------------------------|
| ISO 16750-2, Paragraphs 4.3 to 4.6 | Electrical Supply/Load Drop |
| ISO 16750-2, Paragraph 4.7 | Reverse Voltage |
| ISO 16750-2, Paragraph 4.9 | Open Circuit |
| ISO 16750-2, Paragraph 4.10 | Short Circuit |
| ISO 16750-2, Paragraph 4.11 | Withstand Voltage |
| ISO 16750-2, Paragraph 4.12 | Insulation Resistance |
| ISO 7637-2 | Conducted Transient Immunity |



| Electromagnetic Compatibility for Maritime Applications (EN 60945 Ed. 4) | |
|--|---------------------|
| IEC 60945, Paragraph 9.2 | Conducted Emissions |
| IEC 60945, Paragraph 9.3 | Radiated Emissions |
| IEC 60945, Paragraph 10.9 & EN 61000-4-2 | ESD Immunity |
| IEC 60945, Paragraph 10.4 & IEC 61000-4-3 | Radiated Immunity |
| IEC 60945, Paragraph 10.5 & IEC 61000-4-4 | EFT Immunity |
| IEC 60945, Paragraph 10.3 & IEC 61000-4-6 | Conducted Immunity |
| IEC 60945, Paragraph 10.8 & IEC 61000-4-11 | Power Failure |