

Product Storage

Minimum storage life for Hatteland Technology products:

Subject to the following storage conditions, we state a minimum storage life of at least 10 years.

Storage Conditions:

- Humidity controlled storage (+10.0°C / 50.0°F to +27.0°C / 80.6°F @ <75% RH).
- No direct sunlight exposure.
- Products will need to be powered up once a year.
- Products including CMOS battery (Panel Computers, Computers):
 - The CMOS battery will have significantly reduced storage life if the Storage Temperature is over +40.0°C / 104.0°F.
 - Hatteland Technology strongly recommends that the battery is removed or replaced when stored in these conditions.

General recommendations:

>30.0°C / 86.0°F	@ max 4 years of storage	= action replace battery
>40.0°C / 104.0°F	@ max 2 years of storage	= action replace battery
>50.0°C / 122.0°F	@ max 1 years of storage	= action replace battery
>60.0°C / 140.0°F	@ max 6 months of storage	= action replace battery
>70.0°C / 158.0°F	@ max 3 months of storage	= action replace battery

Periodic maintenance:

- It is highly recommended to periodically power up the products during extended storage times. Period: once a year.
- For products with CMOS battery installed, we recommend to always replace the battery before installing the product for permanent use. For long term storage, it is also possible to remove the battery when the storage starts, and install a new when storage is finished.

Periodic maintenance - test procedure:

- Apply current, turn the product ON.
- In case of a monitor, check that a signal source was selected and is present (Analog RGB/VGA, DVI, HDMI, DP.. etc) in the OSD menu. Connect a source running native resolution.
- In case it is a computer or panel computer, check that OS is booting or application is starting.
- In case it is a monitor or panel computer, check that the brightness level on the LEDs and back light can be adjusted using the "+" and "-" buttons, or using the potentiometer if this is installed.
- Product shall run for 2hrs, minimum. Apply any kind of color picture, test patterns or relevant test software to get a picture on screen.
- Turn off the product.
- Add the test to the written test log stored with the product.

Date: 21 Oct 2024



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