

# Nest thermostat software update history

**Important:** Some software updates may take a few weeks to make it to all Nest thermostats that are connected to Wi-Fi.

Select the thermostat you have:

Nest Learning Thermostat  
(4th gen)



Nest Thermostat



Nest Thermostat E



Nest Learning Thermostat  
(3rd gen or earlier)



[How to tell which thermostat you have](#)

## Nest Learning Thermostat (4th gen)

| Version | Release date       | What's included in the update   |
|---------|--------------------|---|
| 2.1-19  | September 17, 2024 | Bug fixes and improvements including brightness enhancements and control. |
| 2.1-10  | August 20, 2024    | Devices will update to this immediately after setup.                      |
| 2.0-6   | August 20, 2024    | Original release  |

## Nest Thermostat

| Version | Release date     | What's included in the update               |
|---------|------------------|---|
| 1.3-10  | June 12, 2023    | Matter support, bug fixes, and improvements |
| 1.1-11  | January 26, 2022 | Bug fixes and improvements                  |
| 1.1-9   | June 7, 2021     | Bug fixes and improvements                  |
| 1.0     | October 30, 2020 | Original release                            |

## Nest Thermostat E and Nest Learning Thermostat (3rd gen or earlier)

| Version  | Release date      | What's included in the update  |
|----------|-------------------|--|
| 6.2-27   | May 3, 2022       | Bug fixes and improvements   |
| 6.2-22   | November 1, 2021  | Bug fixes and improvements   |
| 6.1.1-21 | September 7, 2021 | Bug fixes and improvements for Nest Learning Thermostat (3rd gen) and Nest Thermostat E only     |
| 6.1.1    | May 24, 2021      | Bug fixes and improvements for the Nest Learning Thermostat (3rd gen) and Nest Thermostat E only |

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| <b>6.1-9</b>                 | February 11, 2020 | Bug fixes and improvements   |
| <b>6.1</b>                   | November 18, 2019 | <ul style="list-style-type: none"> <li>Bug fixes and improvements</li> <li>Only for Learning Thermostats (3rd gen) in the US and all Nest Thermostat E</li> <li>Requires the Nest app 5.39</li> </ul>  |
| <b>5.9.4-5</b>               | October 10, 2019  | <ul style="list-style-type: none"> <li>Google logo updates on 1st and 2nd gen Nest Learning Thermostat only</li> <li>Short cycling and power loss mitigation on 1st and 2nd gen Nest Learning Thermostat only</li> </ul>   |
| <b>6.0</b>                   | July 10, 2019     | Bug fixes and improvements on the Nest Learning Thermostat (3rd gen) and Nest Thermostat E only  |
| <b>5.10</b> (named 5.10-1)   | May 9, 2019       | Bug fixes and improvements on the Nest Learning Thermostat (3rd gen) and Nest Thermostat E only  |
| <b>5.9.5-2</b> (EU only)     | November 11, 2021 | Bug fixes and improvements   |
| <b>5.9.3</b>                 | December 10, 2018 | Bug fixes and improvements   |
| <b>5.9.1-6</b>               | October 22, 2018  | Bug fixes and improvements   |
| <b>5.8.2</b>                 | July 9, 2018      | Bug fixes and improvements   |
| <b>5.8-8</b>                 | April 10, 2018    | <ul style="list-style-type: none"> <li><a href="#">Manually switch to an Eco temperature</a> made easier</li> <li>Support for the <a href="#">Nest Temperature Sensor</a> (Control the temperature in the room that's most relevant for you and not just where your thermostat happens to be)</li> <li>Bug fixes and performance improvements</li> </ul> |
| <b>5.6.6</b> (named 5.6.6-4) | January 11, 2018  | Bug fixes and performance improvements   |
| <b>5.6.5</b> (named 5.6.5-1) | October 16, 2017  | <ul style="list-style-type: none"> <li>Bug fixes and performance improvements</li> <li><a href="#">Patch for key reinstallation attack (KRACK) vulnerability</a></li> <li>Version 5.7: support for Nest Thermostat E only</li> </ul>   |
| <b>5.6.3</b> (named 5.6.3-1) | August 7, 2017    | <ul style="list-style-type: none"> <li>Improvements to Rush Hour Rewards</li> <li>Bug fixes and performance improvements</li> </ul>  |
| <b>5.6.2</b> (named 5.6.2-3) | May 1, 2017       | <ul style="list-style-type: none"> <li>Improvements to Rush Hour Rewards</li> <li>Improvements to Time of Savings</li> <li>Bug fixes and performance improvements</li> </ul>   |
| <b>5.6.1-4</b>               | February 15, 2017 | <ul style="list-style-type: none"> <li>Added Italian and Spanish language support</li> <li>Bug fixes and performance improvements</li> </ul>   |
| <b>5.6</b> (named 5.6-7)     | October 24, 2016  | <ul style="list-style-type: none"> <li><a href="#">Eco Temperatures</a></li> <li>Added compatibility with multi-speed fans and PTAC systems</li> <li>Bug fixes and performance improvements</li> </ul>   |
| <b>5.5.1</b> (named 5.5.1-6) | July 19, 2016     | Bug fixes and performance improvements   |
| <b>5.5</b> (named 5.5-5)     | June 6, 2016      | <ul style="list-style-type: none"> <li>Farsight improvements</li> </ul>  |

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|  |                   | <ul style="list-style-type: none"> <li>Bug fixes and other improvements</li> </ul>  |
| <b>5.1.8</b> (named 5.1.8-3)   | February 3, 2016  | Bug fixes and performance improvements  |
| <b>5.1.7</b> (named 5.1.7-3)   | January 21, 2016  | <ul style="list-style-type: none"> <li>Further improved the performances of devices that responded slowly or became unresponsive</li> <li>Bug fixes</li> </ul>  |
| <b>5.1.6</b> (named 5.1.6-4)   | January 11, 2016  | Bug fixes   |
| <b>5.1.5</b> (named 5.1.5-7)   | December 10, 2015 | <p><b>Note:</b> At launch, this software update was only available for European thermostats and a limited number of thermostats in the US and Canada. It was made available to every Nest thermostat in January 2016.</p> <ul style="list-style-type: none"> <li>Early-On bug fixes</li> <li>Improved compatibility for OpenTherm combi boilers</li> <li>Connectivity bug fixes</li> </ul>  |
| <b>5.1.3</b> (named 5.1.3-1)   | November 17, 2015 | <ul style="list-style-type: none"> <li>Added new <a href="#">thermal model and Heating Ventilation and Air Conditioning (HVAC) control algorithms</a> to make you more comfortable and save more energy at the same time</li> <li>Support for the EU <a href="#">Nest Learning Thermostat (3rd gen)</a></li> <li>Ready for winter <a href="#">Rush Hour Rewards</a></li> <li><a href="#">Auto-Schedule</a> improvements</li> <li><a href="#">Early-On</a> improvements</li> </ul>   |
| <b>5.1.1</b> (named 5.1.1-2)   | November 11, 2015 | New screens, graphics, and Furnace Heads-Up alerts to 1st and 2nd gen Nest Learning Thermostats in the US and Canada  |
| <b>5.1</b> named 5.1-4 and for Nest Learning Thermostat (3rd gen) only | November 4, 2015  | <ul style="list-style-type: none"> <li>Added a second hand on the Farsight analog clock</li> <li>Wi-Fi connectivity improvements</li> <li>Power management and stability bug fixes</li> </ul>   |
| <b>5.0</b>   | September 1, 2015 | <ul style="list-style-type: none"> <li><a href="#">Farsight</a></li> <li>New screens and graphics for the Nest Learning Thermostat (3rd gen)</li> <li><a href="#">Furnace Heads-Up</a> alerts on your phone and thermostat</li> </ul>   |
| <b>4.5.1</b>   | June 19, 2015     | Bug fixes   |
| <b>4.5</b>   | June 17, 2015     | <ul style="list-style-type: none"> <li><a href="#">Safety temperature</a> alerts</li> <li><a href="#">Google Nest Protect alarms</a> on the thermostat</li> <li>Added the <a href="#">feature that shuts off the HVAC fan</a> to help prevent smoke circulation when in a Nest Protect emergency</li> <li>Added the ability to enter <a href="#">Nest Pro contact information in the thermostat</a> settings</li> <li>Enhanced <a href="#">Cool to Dry</a> for integrated dehumidifiers</li> <li>Rush Hour Rewards improvements and bug fixes</li> <li>Improvements to fonts and icons</li> <li>Improvements to temperature sensing and control algorithms</li> <li>Bug fixes and other improvements</li> </ul> |
| <b>4.3.6</b>   | April 9, 2015     | <ul style="list-style-type: none"> <li>Wi-Fi improvements</li> <li>Fix for British Summer Time bug</li> <li>Improvements and bug fixes</li> </ul>   |

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| 4.3.3          | November 17, 2014 | Bug fixes and improvements   |
| 4.3.2          | November 11, 2014 | Bug fixes and improvements   |
| 4.3            | November 4, 2014  | <ul style="list-style-type: none"> <li>Enhanced <a href="#">Auto-Schedule</a></li> <li>Icon-based <a href="#">Quick View menu</a> with weather, date, time, and more</li> <li><a href="#">System Test</a></li> <li><a href="#">Time zone and weather support</a> for more countries worldwide</li> <li>Improved Heat•Cool mode: set temperatures directly in the thermostat screen</li> <li>Wi-Fi bug fixes</li> <li>Bug fixes and other improvements</li> </ul>   |
| 4.2.5          | September 4, 2014 | <ul style="list-style-type: none"> <li>Added Dutch support and improved French language support</li> <li>Bug fixes and other improvements</li> </ul>   |
| 4.2.4          | June 30, 2014     | Bug fixes  |
| 4.2.3          | May 30, 2014      | Bug fixes  |
| 4.2.3          | May 21, 2014      | Bug fixes  |
| 4.2            | May 15, 2014      | <ul style="list-style-type: none"> <li>Improvements to <a href="#">Rush Hour Rewards</a></li> <li>Improvements to Time-to-Temperature, Early-On, True Radiant, and other System Match features</li> <li>Increased humidity thresholds in <a href="#">Cool to Dry</a></li> <li>Other improvements, which include Wi-Fi bug fixes</li> </ul>   |
| 4.0.6 or 4.0.7 | April 23, 2014    | OpenSSL fix to address Heartbleed bug for the Nest Learning Thermostat   |
| 4.0.2 or 4.0.3 | January 28, 2014  | <ul style="list-style-type: none"> <li>Updated Auto-Away to adapt to your morning routine</li> <li>Improvements and bug fixes</li> </ul>   |
| 4.0            | November 22, 2013 | <ul style="list-style-type: none"> <li>Heating system improvements</li> <li>Integration with Nest Protect</li> <li>International time and weather support</li> </ul>   |
| 3.5.1          | June 21, 2013     | <ul style="list-style-type: none"> <li>Wi-Fi connectivity bug fixes</li> <li>Cooling activation bug fixes</li> <li>Current setpoint bug fixes</li> </ul>   |
| 3.5            | April 29, 2013    | <ul style="list-style-type: none"> <li><b>Advanced fan control:</b> Schedules the fan to turn on daily, for a few minutes each hour, or on a timer</li> <li><b>Sunblock:</b> Automatically adapts to direct sunlight to read and set the right temperature</li> <li><b>Cool to Dry:</b> Uses the air conditioner to dehumidify your home if there's excessive humidity</li> <li><b>Seasonal Savings:</b> Tweaks your schedule to save energy automatically while it keeps you comfortable (available with certain utility programs)</li> <li><b>Rush Hour Rewards:</b> To help you earn rewards from your energy provider, your thermostat saves energy in peak <i>rush</i></li> </ul> |

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|              |                   | <i>hour</i> times while it keeps you comfortable and in control (available with certain utility programs)  |
| <b>3.0.6</b> | April 9, 2013     | Optimizations for heat-only systems  |
| <b>3.0.5</b> | January 23, 2013  | Air filter reminder bug fixes  |
| <b>3.0.4</b> | January 7, 2013   | Improved remote control availability   |
| <b>3.0.3</b> | November 16, 2012 | Bug fixes  |
| <b>3.0.2</b> | November 9, 2012  | Bug fixes  |
| <b>3.0.1</b> | October 2, 2012   | <ul style="list-style-type: none"> <li>• Pro Setup support for the Nest Learning Thermostat (1st gen)</li> <li>• Bug fixes</li> </ul>  |
| <b>3.0</b>   | October 2, 2012   | <ul style="list-style-type: none"> <li>• Support for the Nest Learning Thermostat (2nd gen)</li> <li>• Pro Setup view to set up complex systems, which include dual fuel systems (heat pump with furnace), whole-home humidifiers or dehumidifiers</li> <li>• System Match features tailored for your system type</li> <li>• Forced air systems: Early-On and Filter Reminders</li> <li>• Radiant systems: True Radiant</li> <li>• Heat pump systems: Heat Pump Balance (if AUX and Wi-Fi)</li> <li>• Improved Auto-Away to better adapt to your home</li> <li>• Improved Auto-Schedule, now available in Heat • Cool mode</li> <li>• Renamed Location setting as Your Place setting               <ul style="list-style-type: none"> <li>• Now includes more home information</li> </ul> </li> <li>• Renamed Learning setting as Nest Sense setting               <ul style="list-style-type: none"> <li>• Now includes Early-On, True Radiant or Heat Pump Balance settings and status</li> </ul> </li> <li>• Renamed Range mode as Heat • Cool mode</li> <li>• Multilingual support (English, French, Spanish)</li> </ul> |
| <b>2.1.3</b> | August 30, 2012   | Expanded support for Wi-Fi access points, which includes Apple Airport Express (2nd gen)   |
| <b>2.1</b>   | May 17, 2012      | <ul style="list-style-type: none"> <li>• Improvements to Energy History</li> <li>• Additional bug fixes</li> </ul>   |
| <b>2.0</b>   | April 5, 2012     | <ul style="list-style-type: none"> <li>• Airwave</li> <li>• Updated Energy History view</li> <li>• Easier access to Away temperatures</li> <li>• Improvements to Auto-Schedule and Auto-Away</li> <li>• Additional bug fixes</li> </ul>  |
| <b>1.2</b>   | March 7, 2012     | <ul style="list-style-type: none"> <li>• Expanded support for Wi-Fi access points</li> <li>• Improved Auto-Away performance</li> <li>• Additional bug fixes</li> </ul>   |
| <b>1.1.3</b> | February 2, 2012  | Fixed a battery bug that affected a small portion of Nest thermostats after a service outage   |
| <b>1.1.2</b> | January 24, 2012  | Improvements and bug fixes for software update installation  |

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|-------|-------------------|---|
| 1.1.1 | January 20, 2012  | <ul style="list-style-type: none"><li>• Wider range of away temperatures: down to 40°F or off for heating and up to 90°F or off for cooling</li><li>• Improvements and bug fixes for Schedule Learning, Auto Away, energy history, Wi-Fi connection, time zones, lock, and more</li></ul> |
| 1.0.6 | January 11, 2012  | Bug fixes   |
| 1.0.4 | December 16, 2011 | <ul style="list-style-type: none"><li>• Improved performance for Schedule Learning</li><li>• Improved performance for Auto-Away</li><li>• Bug fixes</li></ul>   |
| 1.0.2 | November 22, 2011 | <ul style="list-style-type: none"><li>• Improved performance for heat pumps</li><li>• Improved performance for Energy History</li><li>• Improved performance for Auto-Away</li><li>• Bug fixes</li></ul>  |
| 1.0.1 | November 11, 2011 | Bug fixes   |
| 1.0   | October 25, 2011  | Original release  |

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