

Nest Learning Thermostat™

Know more, save more.
Control from anywhere.™



Meet the Nest Learning Thermostat.

It's time to rethink your heating system. The Nest Learning Thermostat is a programmer and thermostat in one. It learns your schedule to program itself, turns down the heat when you're away and can be controlled from your mobile. See how much heat you used over the last ten days and get an Energy Report every month to track and manage your energy use.



A programmer and thermostat in one

For the first time, you can change the temperature, adjust your schedule and see how much energy you use from one place.



Auto-Schedule™

Just turn it up and down. The Nest Thermostat learns the temperatures you like and programs itself.



Auto-Away™

Don't waste energy heating an empty home. The Nest Thermostat automatically turns down the heat when you're away.



Remote control

Change the temperature from your mobile, tablet or laptop.



Energy History

The more you know, the more you can save. So the Nest Thermostat shows you how much heat you use and why.



Nest Leaf

You'll see the Leaf when you pick an energy-efficient temperature or setting. It guides you in the right direction.



True Radiant

No more guessing. True Radiant learns how your home warms up so you'll only use as much heat as you actually need.



Sunblock

The Nest Thermostat senses when it's heating up in direct sunlight and automatically adapts to read and set the right temperature.

INNOVATIVE FEATURES	<ul style="list-style-type: none"> • Auto-Schedule • Auto-Away • Nest Leaf • Energy History and Report • Nest Sense • System Match 	<ul style="list-style-type: none"> • True Radiant • Time-to-Temperature • Sunblock • Multiple thermostat coordination • Nest Web and Mobile App 	<ul style="list-style-type: none"> • Software updates over Wi-Fi • Stainless steel ring • Chameleon design • Built-in bubble level • Silent relays
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THERMOSTAT SPECS	<p>LCD Display</p> <ul style="list-style-type: none"> • 24 bit color • Ø320 display • 1.75" diameter <p>Battery</p> <ul style="list-style-type: none"> • Built-in rechargeable lithium-ion battery 	<p>Sensors</p> <ul style="list-style-type: none"> • Temperature sensors • Humidity sensor • Near-field activity sensor • Far-field activity sensor • Ambient light sensor <p>Language</p> <ul style="list-style-type: none"> • English (UK), French, Spanish 	<p>Wireless</p> <ul style="list-style-type: none"> • 802.11b/g/n @ 2.4GHz • 802.15.4 @ 2.4GHz <p>Warranty</p> <ul style="list-style-type: none"> • 2 year limited warranty
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ENVIRONMENTAL	<p>Green</p> <ul style="list-style-type: none"> • RoHS Compliant • Mercury Free • 100% Recyclable Packaging 	<p>Operating</p> <ul style="list-style-type: none"> • Temperature 0°C to 40°C or 32°F to 104°F • Humidity: 0%RH to 90%RH 	<p>Storage</p> <ul style="list-style-type: none"> • Temperature: -20°C to 45°C or -4°F to 113°F • Humidity: 40%RH to 80%RH
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HEAT LINK SPECS	<p>Bicolor LED</p> <ul style="list-style-type: none"> • Relay supports 3 (1) A load @ 230V AC, on both satisfied and request connectors. • Input power 100V – 240V AC, 50/60Hz • Output power provides 12V DC to thermostat 	<p>Wire Gauge</p> <ul style="list-style-type: none"> • Supports Ø1.6 mm, 14 AWG <p>Power Consumption</p> <ul style="list-style-type: none"> • Less than 1 kWh/month 	<p>Wireless</p> <ul style="list-style-type: none"> • 802.15.4 @ 2.4GHz <p>Warranty</p> <ul style="list-style-type: none"> • 2 year limited warranty
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ENVIRONMENTAL	<p>Green</p> <ul style="list-style-type: none"> • RoHS • Arsenic free • Mercury free • PVC free • Recyclable packaging 	<p>Operating</p> <ul style="list-style-type: none"> • Temp: 0°C - 50°C • Up to 90% RH (unpackaged) • Pressure - 7500 ft altitude 	<p>Storage</p> <ul style="list-style-type: none"> • -20°C to 45°C / -4°F to 113°F • Up to 80% RH (in packaging) • Pressure = 16500 ft altitude
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SIZE	<p>Nest Display</p> <ul style="list-style-type: none"> • Mass = 215g / 7.6oz • Diam = 83.0mm / 3.27 in • Height = 28.0mm / 1.10 in <p>Nest Base</p> <ul style="list-style-type: none"> • Mass = 37g / 1.3oz • Diam = 76.5mm / 3.01 in • Height = 10.7mm / 0.42 in 	<p>Heat Link</p> <ul style="list-style-type: none"> • Mass = 150g • Size = 100x100x29.5 mm <p>Assembled</p> <ul style="list-style-type: none"> • Mass = 252g / 8.6oz • Diam = 83.0mm / 3.27 in • Height = 32mm / 1.26 in 	
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COMPATIBILITY	<p>The Nest Learning Thermostat is compatible with almost all central heating systems, including:</p> <ul style="list-style-type: none"> • Combi and condensing boilers • System and heat-only boilers 	<ul style="list-style-type: none"> • Hydronic underfloor systems • Air source and ground source heat pumps (heating only) • Zoned systems (one Nest Thermostat per zone) 	<ul style="list-style-type: none"> • Switched live systems • Low-voltage (dry contact) systems
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INSIDE THE BOX	<ul style="list-style-type: none"> • Nest Learning Thermostat • Installation Guide and warranty • Welcome Guide 	<ul style="list-style-type: none"> • Nest screwdriver • Wall screws • Optional Trim Kit 	<ul style="list-style-type: none"> • Heat Link • Power cord • Power plug
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SETUP	<p>Description/Part #</p> <p>English-French – T200477W</p>	<p>Single UPC</p> <p>854448003051</p>	<p>Case Pack UPC</p> <p>10854448003058</p>
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