



## Patents

NetApp's innovation has been recognized over many years by the issuance of thousands of patents in the U.S. and other countries. Below are U.S. patents owned by NetApp and/or its subsidiaries. New patents are initially published as NetApp's pending applications, which number in the hundreds, before they proceed to issuance. Older patents expire and are removed from this list periodically.

NetApp currently owns the following U.S. Patents:

10,001,942; 10,002,055; 10,002,098; 10,003,645; 10,007,540; 10,009,426; 10,013,311;  
10,015,283; 10,019,192; 10,019,502; 10,021,218; 10,031,682; 10,031,822; 10,031,933;  
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9,606,918; 9,607,065; 9,612,751; 9,612,760; 9,612,768; 9,612,918; 9,612,932; 9,613,046;  
9,613,100; 9,614,911; 9,619,160; 9,619,351; 9,619,352; 9,620,165; 9,626,245; 9,626,997;  
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9,715,435; 9,720,601; 9,720,626; 9,720,752; 9,720,789; 9,720,818; 9,720,822; 9,720,928;  
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9,767,311; 9,767,856; 9,769,259; 9,772,780; 9,772,894; 9,773,004; 9,774,445; 9,774,698;  
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9,819,738; 9,823,969; 9,826,037; 9,830,081; 9,830,088; 9,830,091; 9,830,092; 9,830,094;  
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9,836,407; 9,836,423; 9,836,476; 9,838,269; 9,838,477; 9,841,991; 9,842,008; 9,842,026;  
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9,912,565; 9,916,100; 9,916,241; 9,916,250; 9,916,478; 9,917,784; 9,917,896; 9,921,752;  
9,921,910; 9,928,148; 9,928,249; 9,930,133; 9,933,970; 9,934,008; 9,934,110; 9,934,230;  
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9,946,609; 9,946,716; 9,952,765; 9,952,767; 9,952,797; 9,952,951; 9,954,946; 9,959,056;  
9,959,064; 9,959,335; 9,960,957; 9,965,195; 9,965,196; 9,965,363; 9,965,383; 9,967,204;  
9,973,394; 9,974,203; 9,977,721; 9,978,419; 9,983,810; 9,983,817; 9,983,958; 9,984,095;  
9,990,151; 9,990,257; 9,990,260; 9,990,261; 9,990,262; 9,996,275; 9,996,422; 9,996,436;  
9,996,470.

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