

Version 6.1 Computers Draft Specification Comment Response Document

Organization	Topic	Subtopic	Stakeholder Comments	EPA Response
Summary	Scope	Included Products	A stakeholder supported the inclusion of slates, tablets, and two-in-ones in the Computers specification as they are typically more efficient than notebook computers and their market has been growing rapidly. They also supported including them under notebook requirements.	EPA thanks the stakeholder for this feedback and will continue to cover slate/tablet products in Version 6.1, applying notebook requirements where applicable.
Summary	Scope	Excluded Products	A stakeholder recommended that EPA consider including devices with a diagonal screen size over 6.5 inches that have cellular voice capability stating the exclusion of these larger devices is unwarranted and would prevent monitoring their energy consumption. Since the test method for computers does not measure the power when cellular function is enabled, testing could be conducted with cellular ability turned off and in the Qualified Product List, it could be indicated that the product has this capability to track the availability of this feature.	EPA weighed this option when determining the scope of products that should be included under the slate/tablet definition. After consideration, EPA concluded that devices with cellular voice capability will often utilize that capability, making it potentially a large source of energy consumption. Turning off cellular capability during testing would miss this consumption and misrepresent the device's typical usage. Since there is no way to account for cellular voice energy consumption and testing with voice turned off is undesirable, EPA decided to exclude products with voice capability.
Summary	External Power Supplies		Two stakeholder mentioned the new DOE standard for single-voltage external power supplies was Level VI and that should be incorporated into the specification.	EPA has addressed the new Level VI EPS standard in the Final Draft.
Summary	Power Management		Two stakeholders noted that Table 2 System Sleep Mode requirements for Slates/Tablets should say "N/A" because WOL Requirements are "N/A".	EPA agrees with this comment and has revised Table 2 in the Final Draft accordingly.
Summary	Eligibility Criteria - Slates/Tablets		<p>A stakeholder opposed including Slates/Tablets under the Notebook requirements since almost all Slates and Tablets will become certified under these requirements. The performance of a typical CPU in a Slate or Tablet are lower than for Notebooks and Desktops and the Core * Clock of a CPU in a Slate or Tablet is higher. Two stakeholders suggested that Category 0 be used for slates and tablets. A commenter also mentioned that memory for slates and tablets is usually less power consuming than for desktops and notebooks.</p> <p>Another stakeholder agreed with temporarily subjecting tablets and slates to the notebook qualification criteria in order to collect data and set separate minimum energy performance standards based on the data within 12 - 18 months as a Version 6.2 or Version 7.0 specification. They requested that note be provided in Version 6.1 to clarify this transition. They also stated that market surveillance verification testing should not be required until the qualification criteria for tablets and slates has been established.</p>	After a series of significant discussion with many stakeholders, EPA has decided to continue to apply notebook requirements to slate/tablets as proposed in the previous draft. EPA has included a permanent note in the slate/tablet requirement section stating that it intends to create independent slate/tablet requirements in Version 7.0 if the data from the Version 6.1 certification process can support sufficient differentiation of these products. EPA will also monitor other sources of product energy performance, such as California Energy Commission battery charger data, to help inform future Version 7.0 development.
Summary	Eligibility Criteria - Portable All-In-Ones (PAIOs)		A stakeholder supported performance criteria for PAIOs as opposed to prescriptive criteria to allow for flexibility and innovation. They suggested a screen size criterion of 15.6" based on current products in development if this criteria must be set however, this may change in the future. This commenter noted that PAIOs have a different use case and performance compared to tablets and a different form factor compared to notebooks.	EPA has added clarification regarding the new Level VI standard in the Final Draft.
Summary	Data Confidentiality		A stakeholder requested that the processor information for slates and tablets be kept confidential for Version 6.1 and used only for data analysis for Version 6.2 or 7.0.	After several discussions with stakeholders, EPA has agreed to not display specific processor information for slates/tablets certified to Version 6.1 on the ENERGY STAR website.
Summary	Effective Date		Two stakeholders requested more than 6 months after the publication of Version 6.1 before the specification takes effect as the test method for slates/tablets has not been finalized and certification laboratories will be available in May. One of these commenters requested that for two-in-one computers, it is possible to start certifying on June 2nd by the Version 6.0 test method.	As updates to primary revisions, "dot" revisions (e.g. updating Version 6.0 to Version 6.1) do not have their own effective dates but instead use the effective date of the primary revision (Version 6.0). June 2, 2014 is the effective date for Version 6.0, therefore Version 6.1 is effective upon finalization.