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Mobility and Computing: the Era of Personal Internet

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Abstract

Mobile computing and communication technologies are undergoing exciting and rapid advancement, driven by a vision of “internet access anytime, anywhere” coupled with ever increasing demand for high-bandwidth access to internet. Intel is at the forefront of the mobility wave, leading with power-performance optimized mobile platforms with high bandwidth wireless connectivity, ushering in the era of "personal internet on the go". With an ever expanding array of new usage models enabled by such mobile platforms, performance, wireless connectivity, extended battery life, sleek form factors, and data security are being increasingly recognized as the key vectors of mobility. This talk will focus on Intel's leadership efforts towards enhancing these mobility vectors to unleash the potential of "personal internet", and enumerate the opportunities and challenges for the components and technologies in the mobile ecosystem, such as the display subsystem.