intel® experience what's inside™

NEW 8TH GEN
INTEL® CORE™ PROCESSORS
POWERING THE ULTIMATE MOBILE PC EXPERIENCE FOR YOUR CUSTOMERS

intel CORE™ i5 8th Gen

intel CORE™ i7 8th Gen

EXPERIENCE	5+ YEAR OLD PCs	NEW MOBILE PCs WITH 8TH GEN INTEL® CORE™
PRODUCTIVITY	» Baseline productivity performance » Baseline graphics performance » Baseline battery life	» Up to **2X better** productivity[1] • Up to **2.8X better** 3D graphics[2] • Up to **10 hours** of battery life[3]
MEDIA	» Baseline media capability » Basic graphics functionality » No support for 4K Ultra HD graphics	» Sharper, crisper, clearer images, and video with **Ultra HD graphics** » Hardware support for smooth **4K editing and playback**
SECURITY	» Limited security » Software level security » Single factor authentication » Login through password only	» Secure payments with **fingerprint touch to pay** » **Hardened password managers** for sensitive authentication data » Simple built-in **two-factor authentication** » **Natural and intuitive interactions** with Touch, Stylus, and Voice
RESPONSIVE	» Restricted responsive experiences » Limited multitasking capability » No 'instant on' experience	» Performance improvement and **Quad Core scaling** » Improved performance and responsiveness with Windows 10* » Fast switching between apps with **Intel® Speed Shift Technology** » 'Instant on' experience with **Modern Standby***
CONNECTIVITY	» Legacy connectivity features » Low speed connectivity	» **Thunderbolt™ 3** - The USB-C that does it all! At 40Gbps of throughput, it's 8X faster than USB 3.0 and 4X more video bandwidth than HDMI 1.4 » Dual 4K video, PC/device, charging, external graphics support