



# A new Intel vPro® platform PC can supercharge your security — and your budget.

11th Gen Intel® Core™ vPro® Mobile Processors are the most comprehensive hardware-based security for business.<sup>1</sup>



## \$3.86 Million

The average cost of a data breach in 2020, a 10% rise over the last five years.<sup>2</sup>

## The Cost of Attacks

### IN DOLLARS...



**In Q4 of 2019, the average ransom payment increased by 104% to \$84,116.** This average includes small businesses and large enterprises.<sup>3</sup>



**An old PC could cost employers up to \$17,000 a year in productivity costs, according to a recent study.** Assuming an employee's salary of US\$60,000, a 29% loss in productivity on an old PC could amount to a US \$17,000 cost.<sup>4</sup>



**The average ransom payment for large enterprises is \$111,605.** Ransomware attacks increased by 751% in 2019. The average cost for victims of ransomware attacks to recover more than doubled in the final quarter of 2019.<sup>5</sup>

### IN PRODUCTIVITY...



**In a recent small business survey, respondents said that old computers make them 29% less productive.<sup>6</sup>**



**The average time to identify a breach in 2020 was 207 days.** The average lifecycle of a breach was 280 days from identification to containment.<sup>7</sup>



**57% of cyberattack victims surveyed stated that applying a patch would have prevented the attack.** Intel is committed to proactively find, mitigate and communicate security issues to help customers be more resilient to emerging threats.<sup>8</sup>



**Employees spend 22 minutes a day on IT-related issues, according to a survey of US professionals across industries.<sup>9</sup>**

## How the Latest Intel vPro® Mobile Platform Helps Protects



### High Efficacy Attack Detection

Intel delivers the industry's first and only silicon-enabled AI threat detection to help stop ransomware and crypto-jacking attacks for Windows-based systems.<sup>10</sup>



### Minimized Critical Downtime in Events of Attacks

Centralized management tools and comprehensive support capabilities for employees.



### Built-in Firmware Protections

Helps lock down memory in the BIOS against firmware attacks and enforces secure boot at the hardware level, out of reach to traditional antivirus.



### Ongoing Security Assurance

Security must constantly evolve to stay ahead of threats. We're proud of our industry-leading security assurance processes and relentlessly stand behind our products.

## Sources and Disclaimers

- <sup>1</sup> In Windows-based PCs, based on unique features and IOActive testing (commissioned by Intel; as of April 2021) comparing Intel® Hardware Shield security capabilities with corresponding technologies in AMD Ryzen Pro-based systems. Visit [www.intel.com/11thgenvpro](http://www.intel.com/11thgenvpro) for details. No product or component can be absolutely secure. Results may vary.
- <sup>2,7</sup> IBM Security, "Cost of a Data Breach Report," 2020.  
<https://www.capita.com/sites/g/files/nginej291/files/2020-08/Ponemon-Global-Cost-of-Data-Breach-Study-2020.pdf>
- <sup>3</sup> Coveware, "Ransomware Costs Double in Q4 as Ryuk, Sodinokibi Proliferate," 2020.  
<https://www.coveware.com/blog/2020/1/22/ransomware-costs-double-in-q4-as-ryuk-sodinokibi-proliferate>
- <sup>4,6</sup> J.Gold Associates, "Older PCs in SMB Cost Study," 2018. Commissioned by Intel.  
<https://www.intel.com/content/www/us/en/business/small-business/sme-pc-study.html>
- <sup>5</sup> Nationwide, "The cost of ransomware attacks," 2020.  
<https://www.nationwide.com/cps/cic/blog/cost-of-ransomware-attacks.html>
- <sup>8</sup> ITSupportGuys, "Importance of Patch Management to Avoid Business Vulnerabilities," 2021.  
<https://itsupportguys.com/it-blog/importance-of-patch-management-to-avoid-business-vulnerabilities/>
- <sup>9</sup> EmployTest, "How much time are your employees wasting on computer issues?," 2016.  
<https://www.employtest.com/hrblog/how-much-time-are-your-employees-wasting-on-computer-issues>
- <sup>10</sup> In Windows-based PCs, based on unique features and IOActive testing (commissioned by Intel; as of April 2021) comparing malware detection by Intel 11th Gen Core vPro platform with Intel TDT and AMD Ryzen Pro-based system. Visit [www.intel.com/11thgenvpro](http://www.intel.com/11thgenvpro) for details on Intel's industry-leading CPU behavior monitoring technology. No product or component can be absolutely secure. Results may vary.

Performance varies by use, configuration and other factors. Learn more at [www.Intel.com/PerformanceIndex](http://www.Intel.com/PerformanceIndex).

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No product or component can be absolutely secure.

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