**Wake on Approach**

- ExpressCharge mode enables rapid charging. If charging has reached 80% capacity, charging speed will return to normal speed.
- Recommended for use with the provided Dell power adapter; not recommended for other power adapters.
- Temperature: Between 16-45 degrees C. With ExpressCharge mode enabled, the system battery can then continue charging up to 80% within 60 minutes.

**ExpressSign-In**

- Available on Latitude 9000 and select 7000 series; Precision mobile workstations 7000 and select 5000 series. See product details for availability.
- ExpressSign-In requires Windows 10 Pro, Active Directory, and an organization-wide deployment policy.

**Dell Optimizer**

- Available in 2020 devices, not available in OptiPlex 3000 series, OptiPlex 7070 Ultra, Latitude 3310 2-in-1 and Latitude Chromebook Enterprise.
- Dell Optimizer ExpressResponse must be enabled in the Applications feature.
- DO learns how user uses the selected application(s) over several hours. Based on Dell analysis, improvements can vary based on product configuration, use, application and other factors.

**ExpressConnect**

- Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.
- Based on internal Dell analysis, March 2021.

**Intel® Optane™ Memory**

- Not applicable for towers or rack workstations. For availability by product, click here.
- Intel® Optane™ Memory is available in select OptiPlex, Latitude, and Precision devices.

**Dell Optimizer for Precision**

- Empowers high-end users with workstations running ISV applications, March 2020. Improvement will vary based on product configuration, use, application and other factors.
- Faster application testing using Sysmark 2018 benchmark on a Latitude system running productivity applications; and using performance evaluation benchmarks on Precision mobile workstations running ISV applications.

**Dell Optimizer for Workstations**

- Enables intelligent PC behavior that learns and adapts automation, boosting application launch time and reducing resource consumption.
- Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.
- Based on internal Dell analysis, March 2021.

**Dell Optimizer for Personal PCs**

- Includes ExpressResponse, ExpressConnect, ExpressCharge, and Intel® Optane™ Memory.
- ExpressResponse boosts application launch time.
- ExpressConnect prioritizes bandwidth for conference calls.
- ExpressCharge ensures a 35% charge in about 20 minutes.
- Intel® Optane™ Memory reduces background noise and improves performance.

**Dell Optimizer for Computers**

- Includes ExpressResponse, ExpressConnect, ExpressCharge, and Intel® Optane™ Memory.
- ExpressResponse boosts application launch time.
- ExpressConnect prioritizes bandwidth for conference calls.
- ExpressCharge ensures a 35% charge in about 20 minutes.
- Intel® Optane™ Memory reduces background noise and improves performance.