

OnGuard® ADV System

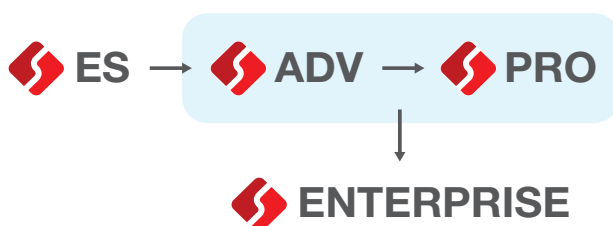
OnGuard ADV Server

Recommended Specifications, Configuration 3F

| | |
|---------------------------|---|
| Chassis Type* | Dell Precision™ T5820 XL Tower XCTO Base 425W |
| CPU | Intel® Xeon® W-2104 3GHz Turbo, 4C, 5.5M Cache, HT, (120W) DDR4-2400 |
| Operating System | Windows® 10 IoT Enterprise EMB 64Bit |
| RAM | 8GB (1 x 8GB) 2666MHz, DDR4 RDIMM ECC |
| Onboard NICs | RJ45 Ethernet port |
| Optical Drive | 16x Half Height DVD-/+RW |
| Operating System Drive(s) | 500GB 2.5inch Serial ATA (7,200 Rpm) Hard Drive Fixed. Integrated Intel AHCI chipset SATA controller (8 x 6.0Gb/s); SW RAID 0, 1, 5, 10 |
| Video Graphics Card | NVIDIA® NVS 315, 1GB, DMS59 (DMS59 to DVI-I Adaptor) (5820T) |
| Serial Port | (1) Serial Port |
| Ports | Front: (2) USB 3.1 Type A, (2) USB 3.1 Type C, (1) Universal Headphone Jack, Up to (2) PCIe slots in PCIe enabled chassis for M.2 PCIe SSDs; Internal: (1) USB 2.0, (1) USB 2.0 header (requires third-party splitter cable to support USB 2.0 Type A ports), (8) SATA @ 6GB/s plus (1) SATA for optical; Rear: (6) USB 3.1 Type A, (1) Serial, (1) RJ45 Network, (2) PS2, (1) Audio Line out, (1) Audio Line in/Microphone |
| Audio | Integrated Realtek ALC3234 High Definition Audio Codec (2 Channel) |
| Power | 425W |
| Mouse/Keyboard | Wired Mouse, Black. Wired Multi-Media Keyboard English, Black |
| Warranty | 3-year limited warranty |

*Optional rack mount Configuration 4G available.

Scalability Path



Standard Features

- First year Software Upgrade and Support Plan (SUSP) included
- Browser-based LenelS2™ Console application dashboard
- Browser-based OnGuard Users client for system administration
- Alarm Monitoring
- MapDesigner
- System Administration
- VideoViewer (video only, web)
- CCTV interface
- eMail interface
- Event logging
- Anti-Passback
- Guard tour
- Support for BlueDiamond™ mobile credentials



Browser-Based Applications

- Monitor & Credentials bundle
- Access Manager
- Surveillance
- Reports & Dashboards
- Users
- Visitor
- WATCH (Web Access Trending & Comprehensive Health)
- Cardholder Self Service
- Policies

Software (Optional)

- Visitor Self Service
- Area Access Manager
- DataConduit™
- ID CredentialCenter
- Visitor IDVM
- Data Exchange
- FormsDesigner
- Biometrics / Smart Cards
- Fire panel support
- Intrusion panel support
- Business card / Driver's license / Military ID / Passport scanning
- Elevator integration
- Intercom
- Mustering
- Terminal services support
- Database segmentation
- Redundant Server Licensing



OnGuard® ADV System

OnGuard® ADV Client

OnGuard ADV systems support up to a maximum of ten (10) client workstations and ten (10) OnGuard® Monitor & Credentials client bundles.

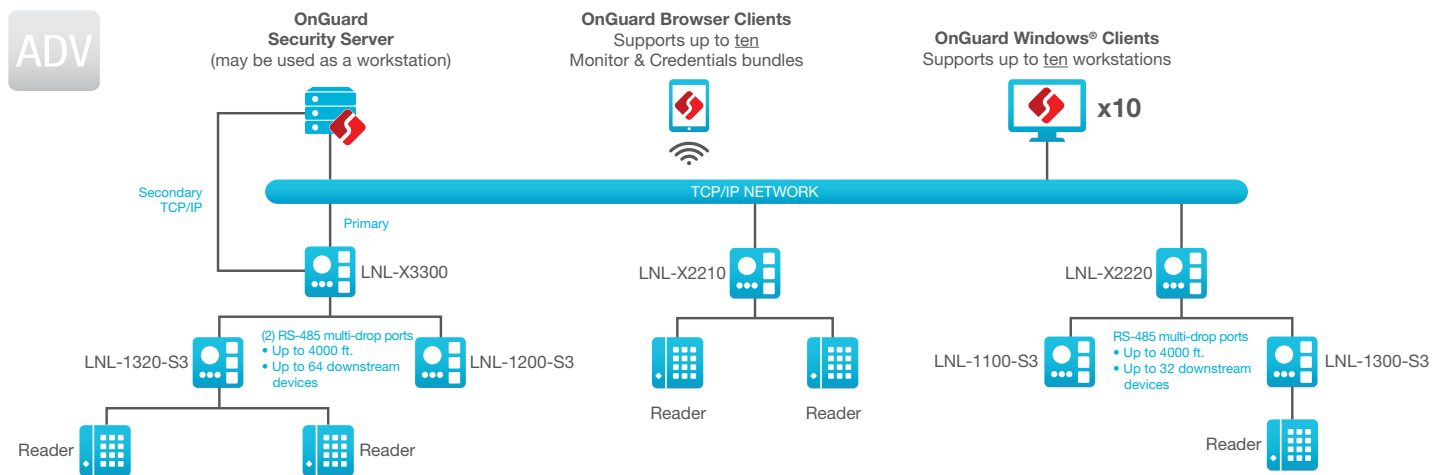
| Recommended Specifications | Configuration 6K | Configuration 7H High Performance |
|----------------------------|--|--|
| Chassis Type | Dell OptiPlex™ 3080 Small Form Factor | Dell Precision™ XL Tower 5820 XCTO Base |
| CPU | Intel® Core™ i3-10100 Processor (4 CORE, 6MB, 8T, 3.6-4.3GHz, 65W) | Intel® Xeon® Processor W-2135 3.7GHz Turbo (6C, 8.25M Cache, HT, (140W) DDR4-2666) |
| Operating System | Windows® 10 IoT Enterprise EMB | Windows 10 IoT Enterprise EMB |
| RAM | 8GB (1 x 8GB) DDR4 Non-ECC Memory | 16GB (2 x 8GB) 2666MHz, DDR4 RDIMM ECC |
| Onboard NICs | RJ45 Ethernet port | RJ45 Ethernet port |
| Wireless NIC | - | - |
| Modem | - | - |
| Optical Drive | 8x DVD+/-RW 9.5mm Optical Disk Drive | 16x Half Height DVD-/+RW |
| Operating System Drive(s) | 500GB 2.5inch Serial ATA (7,200 Rpm) Hard Drive | 512GB 2.5inch Serial ATA Class 20 Hard Drive / Solid State Drive. Integrated Intel AHCI SATA chipset controller (8 x 6.0Gb/s), SW RAID 0, 1, 5, 10 |
| Video Graphics Card | Intel Integrated Graphics, Dell OptiPlex, DisplayPort to DVI Single-Link | Radeon Pro® WX 9100, 16GB, 6 mDP to DP adapter XX20T |
| Serial Port | - | (1) Serial Port |
| Ports | External: (8) USB Ports including (4) USB 3.2 Gen 1 Type-A Ports (2 front/2 rear) and (4) USB 2.0 Ports (2 front/2 rear); Internal: (1) RJ45, (1) DisplayPort; (1) HDMI; (1) Universal Audio Jack; (1) Line-out | Front : (2) USB 3.1 Type C, (2) USB 3.2 Gen 1 Type A, (1) Universal Headphone Jack. Internal: (1) USB 2.0, (1) 2x5 USB 2.0 header (requires third-party splitter cable to support 2 x USB 2.0 Type A ports), (8) SATA 6Gb/s. Rear: (6) USB 3.2 Gen 1 Type A, (2) PS2, (1) RJ45 Network, (1) Serial, (1) Audio Line out, (1) Audio Line in/Microphone |
| Audio | Internal speaker | Internal chassis speakers |
| Power | OptiPlex 3080 Small Form Factor with 200W up to 85% efficient power supply (80 Plus™ Bronze) | 950W |
| Mouse/Keyboard | Wired Mouse, Black; Wired Multi-Media Keyboard English, Black | Wired Mouse, Black; Wired Multi-Media Keyboard English, Black |
| Hardware Warranty | 3-year limited warranty | 3-year limited warranty |
| Surge Suppressor | Yes | Yes |

System Capacities

| Category | Standard Licensing | Expansion Capability |
|--|-------------------------|-------------------------|
| Cardholders | Unlimited* | Unlimited* |
| Card Readers | 64 | 256 |
| Thick Client Workstations | 1 | 10 |
| Browser-based Monitor & Credential Bundles | 1 | 10 |
| Holidays / Time Zones | 255 (per segment, each) | 255 (per segment, each) |
| Alarm Inputs / Outputs | Unlimited* | Unlimited* |
| Access Levels | 32,000 per segment | 32,000 per segment |
| ILS Locks - 1024 | - | 1024 |

*OnGuard offers scalability that is only limited by the physical limitations of your system size.

OnGuard® ADV System



UL-Listed Enclosures and Power Supplies

| | |
|-------------------|--|
| LNL-CTX | Enclosure with lock and tamper switch, supports up to two (2) field hardware devices (12" x 16" x 4.5") |
| LNL-CTX-6 | Enclosure with lock and tamper switch, supports up to six (6) field hardware devices (18" x 24" x 4.5") |
| LNL-AL400ULX | 12VDC 4A output, 120VAC (1.6 amps) input, continuous supply current with enclosure (18" x 24" x 4.5"), lock/tamper switch, UPS capable (battery optional) |
| LNL-AL600ULX-4CB6 | 12VDC 6A output, 120VAC (1.6 amps) input, continuous supply current with enclosure (12" x 16" x 4.5"), power distribution module, lock and tamper switch, UPS capable (battery optional) |

Peripheral Hardware

Direct Card Printer Support

OnGuard® supports the following printer brands: Zebra®, MAGICARD®, NISCA®, and Fargo®. Specific models support inline LenelS2 USB Image Capture Kit, MIFARE®, and magnetic stripe encoding.

LenelS2 USB Image Capture Kit

Kit includes a high resolution CCD (NTSC or PAL) camera with software zoom capabilities, a fully-synchronized cool white built-in flash, a tripod system with a powered base, TWAIN-compliant software, a USB communication cable and a universal power cable. The camera is USB 2.0-compliant, producing high resolution live video for image capture using the OnGuard ID CredentialCenter application (any badging client or mobile badging station). The built-in flash illuminates both video fields evenly.

Server Upgrades

| Part # | Path |
|------------|-----------------|
| UPS-64PRO | ADV to PRO* |
| UPS-64PROI | ADV to PROI* |
| UPS-IDPRO | IDADV to IDPRO* |

*no client upgrades required



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Specifications subject to change without notice.

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