



F5 Industrial Server

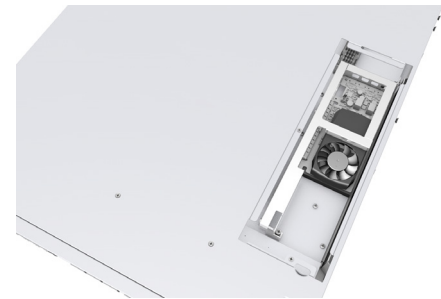
The F5 Industrial Server is a series of ruggedized edge computing devices providing hyper-converged compute, GPU, storage, and networking. They are easy to deploy and operate systems capable of running learning, inference, containerized, or legacy (VM) workloads—from manufacturing plants to retail stores and small branch offices. F5 Industrial Servers combine the capabilities of hyper-converged infrastructure (HCI) with a GPU for machine learning and robust connectivity (4G LTE/GPS/Wi-Fi/Bluetooth) in a single ruggedized device designed to meet the rigorous demands of edge and industrial environments.

Each server is managed through the cloud using the F5® Distributed Cloud Console and natively runs F5 Distributed Cloud App Stack and F5 Distributed Cloud Mesh to provide infrastructure services and end-to-end application lifecycle management, from zero-touch provisioning to decommissioning. Multiple F5 Industrial Servers can be clustered together in active-active mode to easily scale-out compute and storage capacity, making edge resources flexible and elastic without requiring additional infrastructure, such as top-of-rack switches, routers, and firewalls.



HIGHLIGHTS

- Intel® Xeon® D-2100 series processor
- Includes 3x10GE, 8x1GE Ethernet ports
- Ruggedized, with N+1 fan redundancy and a wide operating temperature range of 32° to 131° F (0° to 55° C)
- 2x 2.5" HDD/SSD storage drive bays
- Flexible M.2 slot for NVME SSD storage or an M.2-based neural network processor
- Multiple connectivity options—Ethernet, 11ac Wi-Fi, Bluetooth, BLE, LTE with field replaceable SIM
- Power over Ethernet (PoE) and POE+ on 8x1GE Ethernet ports to support cameras and sensors
- Includes TPM 2.0 and Integrated Intel® QuickAssist Technology for crypto security
- Location services via GNSS



| Specifications | F5 ISV8012 | F5 ISV8008 | F5 ISV8004 |
|----------------|--|----------------------|----------------------|
| Processor: | Intel Xeon® D-2166NT | Intel Xeon® D-2145NT | Intel Xeon® D-2123IT |
| Cores: | 12 core | 9 core | 4 core |
| Speed: | 2.0 Ghz | 1.9 Ghz | 2.2 Ghz |
| Cache: | 1 MB/Core | 1 MB/Core | 1 MB/Core |
| Memory: | 8x DDR4 ECC L/RDIMM 2133Mhz (512GB max). Default memory: 64GB | | |
| Storage: | 1x M.2 2280 to support SSD NVMe/SATA. Default storage: 1TB 2x 2.5" HDD SATA / SSD SATA / SSD NVMe drive bays | | |
| Wireless: | Wi-Fi 11ac 2x2 MIMO Bluetooth 4.2 HS, BLE, ANT+ 4G/LTE, worldwide coverage, with 3G fallback Supported frequency bands B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28, B38, B39, B40 and B41 Field replaceable SIM GNSS (GPS, GLONASS, BeiDou and Galileo) | | |
| Management: | 1x 1GE management Ethernet port, 1x serial console port, 1x USB3.0 | | |
| Display: | HDMI | | |
| System Power: | 550W | | |
| POE: | Support POE (802.3af) and POE+ (802.3at) on the 1GE ports Max power budget of 125W for POE across the 8x1GE ports | | |
| GPU: | Expandable slot to support an MD2 low profile PCIe GPU card measuring a max of 2.71" (68.9 mm) H x 6.67" (169.53 mm) L | | |
| Security: | TPM 2.0 Integrated Intel® QuickAssist Technology | | |
| Dimensions: | 17.40" (442 mm) W x 18.52" (470.65 mm) D x 1.75" (44.45 mm) 1RU H | | |
| Chassis: | 6 x 1.57" (40 mm) fans N+1 redundancy / 19" (482.60 mm) rack mounting / front to back cooling | | |
| Weight: | 24 lbs. (10.88 kg) | | |
| Environmental: | 32° to 131° F (0° to 55° C) operating temperature Optional air filter module available for industrial applications | | |

