# FX-5220

**High performance 2U server rack-mount network security platform**

IPMI   2 x RJ45 GbE

3 x NIC Expansion slot

LCM

COM1 4 x USB  VGA

2 x PSU                5 x System Fan
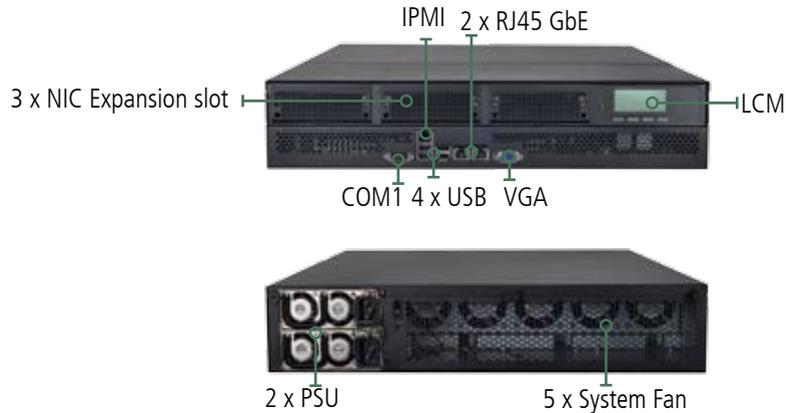
## Features

### Intel Xeon E5-4600 Series Processor

The Intel Xeon processor E5-4600 series represents the largest performance leap in Xeon family history, with the chip being an average three times faster across a range of benchmarks. With up to eight times the memory bandwidth of the previous generation Intel Xeon processor series and four times the memory capacity with 16 memory slots per processor, the Xeon E5-4600 Series can support one terabyte (or 1,000 gigabytes) of memory in a four-socket platform.

This is also the first Xeon processor to possess Machine Check Architecture (MCA) Recovery, a feature that allows the silicon to work with the operating system and virtual machine manager to recover from otherwise fatal system errors.

### Multiple CPU Support

The FX-5220 supports four Xeon E5-4600 and each processor supports four full-width Intel Quick-Path Interconnect (QPI) links with support of up to 25.6 GT/s per QPI link and with Data Transfer Rate of up to 6.4GT/s per direction.

### Graphic LCM

The graphic LCM display can be programmed to show custom graphics, providing a more intuitive interface. It allows the use of non-Latin characters such as Japanese, Chinese and Arabic and can be localized for international markets.

### Intelligent Platform Management Interface

The FX-5220 is equipped with one IPMI port, it allows to be managed at a central location, remotely configure, install, reboot and shut down through firewalls and NATs. It also features SSL encryption.

### PCI-E slot for LAN module

The FX-5220 is equipped with 3 x PCI-Ex8 for LAN Module.

## Dimensions: 690 x 444 x 79 mm

673

88

490

444

## Lanner
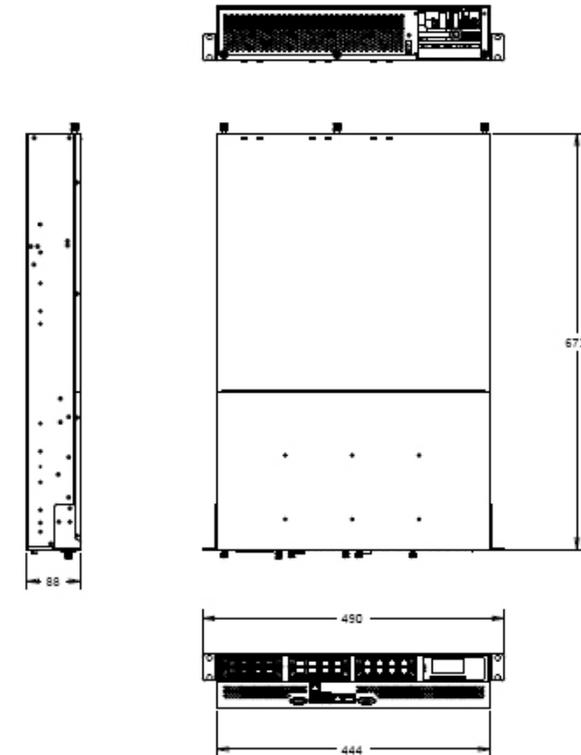
# Preliminary Specifications

| | | |
|---|---|---|
| **Form Factor** | | 2U Rackmount |
| **Platform** | Processor Options | Intel Xeon E5-4600 Series Processor |
| | Chipset | Intel C602 |
| **BIOS** | | AMI BIOS |
| **System Memory** | Technology | DDR3 1333/1066/800Mhz |
| | Max. Capacity | 256GB |
| | Socket | 32 x 240P DIMM |
| **OS Support** | | Windows, Linux Kernel 2.4 and above |
| **Storage** | HDD Bays | 3 x 3.5" |
| | CompactFlash | N/A |
| **Networking** | Ethernet Ports | 2 x RJ45 GbE |
| | Bypass | N/A |
| | Controllers | Intel i350 for LAN 1/LAN 2 ports |
| | Ethernet Modules | 3x Optional Modules (PCI-E*8) |
| | Management Port | Yes |
| | Security Acceleration | N/A |
| **I/O Interface** | Console | 1 x RS232 |
| | USB | 2 x USB 2.0 |
| | IPMI via OPMA slot | 1 x RJ45 IPMI Management port Onboard |
| **Expansion** | PCIe | 3 x PCI-E x 8 slots |
| | PCI | N/A |
| **Cooling** | Processor | 4 x 1U supermirco heatsink |
| | System | 5 x13000 Rpm 60x38 mm System Fans |
| **Environmental Parameters** | Temperature, ambient operating / storage | 0 ~ 40° C / -20~70° C |
| | Humidity (RH), ambient operating / ambient non-operating | 5~95%, non-condensing |
| **Miscellaneous** | LCD Module | 128 x 64 Graphic LCM |
| | Watchdog | Yes |
| | Internal RTC with Li Battery | Yes |
| **Physical Dimensions** | Dimensions (WxHxD) | 690 x 444 x 87 mm |
| | Weight | 28 Kg |
| **Power** | Type / Watts | 910W Redundant PSU |
| | Input | 100~240V @47~63 Hz |
| **Approvals and Compliance** | | CE emission, FCC Class A |

# Ordering Information

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|---|---|
| **FX-5220** | Intel® Xeon® processor E5-4600 Series Processor , 3 NIC module expansion slots, Redundant PSUs, 5 System Fans |

**Lanner**