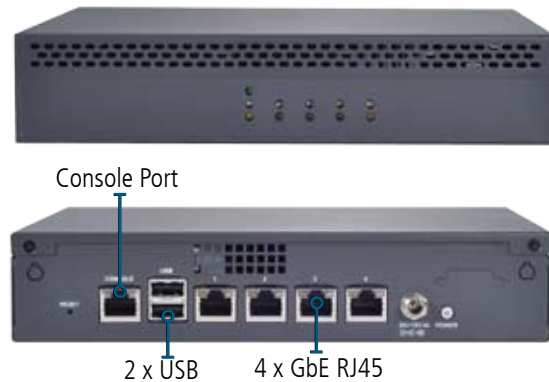


# FW-7540

**Desktop / Half-rack Network Appliance with Intel Atom D425 or Dual Core D525**



## Features

### Intel Atom D425 or Dual Core D525 Processor

The 1.8GHz Intel Atom processor D425 single-core and D525 dual-core boost performance with higher CPU frequencies for faster storage processing.

### Expansion and bandwidth Capabilities

In addition to the CompactFlash slot, FW-7540 is equipped with one optional 2.5" HDD bay for storage expansion. Further expansion is possible with the availability of one Mini-PCIe (with PCI-E\*1 and USB signal).

### Watchdog

The embedded watchdog monitors the system so that it can automatically trigger a reset if software hangs. This is an essential feature of a network appliance.

### Real Time Clock with LI Battery

All Lanner network appliances feature a real time clock that keeps ticking no matter if it's on or off with the help of a LI battery.

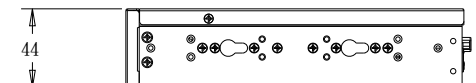
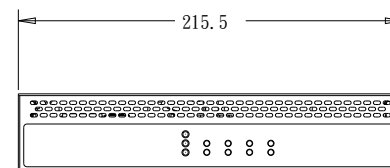
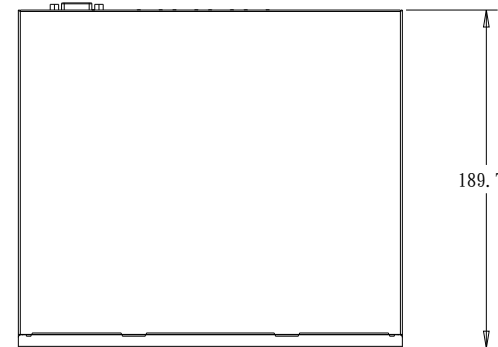
## Bypass

Bypass is a feature that can come with pairs of ports, allowing for uninterrupted traffic to flow around a single appliance, when that said appliance is offline or shut off. Usually when the in-line appliance loses

power, is disconnected, or otherwise fails, the bypassed ports passes traffic directly between its network ports, bypassing the failed appliance for uninterrupted flow down the network link.



**Dimensions: 215.5 x 44 x 190 mm**



## Specifications

|                                 |                                                          |                                                                      |
|---------------------------------|----------------------------------------------------------|----------------------------------------------------------------------|
| <b>Form Factor</b>              |                                                          | Desktop / Half-rack                                                  |
| <b>Platform</b>                 | Processor Options                                        | Intel® Atom D425 or Dual Core D525, on board                         |
|                                 | Chipset                                                  | ICH8M                                                                |
| <b>BIOS</b>                     |                                                          | AMI BIOS<br>16Mbit SPI Flash ROM                                     |
| <b>System Memory</b>            | Technology                                               | DDR3 667/800 MHz                                                     |
|                                 | Max. Capacity                                            | 4GB                                                                  |
|                                 | Socket                                                   | 1 x 240P DIMM                                                        |
| <b>OS Support</b>               |                                                          | Windows 2000, 2003, XP, 7. Linux kernel 2.4 and up, OpenBSD, FreeBSD |
| <b>Storage</b>                  | HDD Bays                                                 | 1 x 2.5" (Optional)                                                  |
|                                 | CompactFlash                                             | 1 x Type II CompactFlash                                             |
| <b>Networking</b>               | Ethernet Ports                                           | 4 x GbE RJ45                                                         |
|                                 | Bypass                                                   | 2 pairs G2                                                           |
|                                 | Controllers                                              | 4 x Intel 82583V (SKU A/B/C/D), 4 x Intel 82574L(SKU E)              |
|                                 | Ethernet Modules                                         | N/A                                                                  |
|                                 | Management Port                                          | N/A                                                                  |
|                                 | Security Acceleration                                    | N/A                                                                  |
| <b>I/O Interface</b>            | Reset Button                                             | 1 x reset button<br>Software reset by default                        |
|                                 | Console                                                  | 1 x RJ45                                                             |
|                                 | USB                                                      | 2 x USB 2.0                                                          |
|                                 | IPMI via OPMA slot                                       | N/A                                                                  |
| <b>Expansion</b>                | PCIe                                                     | 1 x Mini-PCIe (with PCI-E*1 and USB signal)                          |
|                                 | PCI                                                      | N/A                                                                  |
| <b>Cooling</b>                  | Processor                                                | Passive CPU heatsink                                                 |
|                                 | System                                                   | 1 x cooling fan with smart fan control                               |
| <b>Environmental Parameters</b> | Temperature, ambient operating / storage                 | 0 ~ 40° C / -20~70° C                                                |
|                                 | Humidity (RH), ambient operating / ambient non-operating | 5~90%, non-condensing / 5~95%, non-condensing                        |
| <b>Miscellaneous</b>            | LCD Module                                               | N/A                                                                  |
|                                 | Watchdog                                                 | Yes                                                                  |
|                                 | Internal RTC with Li Battery                             | Yes                                                                  |
| <b>Physical Dimensions</b>      | Dimensions (WxHxD)                                       | 215.5 x 44 x 190 mm                                                  |
|                                 | Weight                                                   | 1.2 kg                                                               |
| <b>Power</b>                    | Type / Watts                                             | 12V 5A 60W Power Adapter                                             |
|                                 | Input                                                    | AC 100~240V @ 50~60 Hz                                               |
| <b>Approvals and Compliance</b> |                                                          | CE emission, FCC Class A, RoHS                                       |

## Ordering Information

|          |                                                                                                                 |
|----------|-----------------------------------------------------------------------------------------------------------------|
| FW-7540A | Intel D425 CPU; w/ 1 x DDR3 Memory Slot, 4 x GbE RJ45, 2 pair bypass, 60W Power Adaptor, Desktop                |
| FW-7540B | Intel D525 CPU; w/ 1 x DDR3 Memory Slot, 4 x GbE RJ45, 2 pair bypass, 60W Power Adaptor, Desktop                |
| FW-7540C | Intel D425 CPU; w/ 1 x DDR3 Memory Slot, 4 x GbE RJ45, w/o bypass, 60W Power Adaptor, Desktop                   |
| FW-7540D | Intel D525 CPU; w/ 1 x DDR3 Memory Slot, 4 x GbE RJ45, w/o bypass, 60W Power Adaptor, Desktop                   |
| FW-7540E | Intel D425 CPU; w/ 1 x DDR3 Memory Slot, 4 x GbE RJ45 (Intel 82574L), 2 pair bypass, 60W Power Adaptor, Desktop |