

**VGA  
HDMI**
**6 x LAN**
**AES**

## FNR-RG01 Series

7<sup>th</sup> Gen Intel® Core™ i7/ Pentium® Processor-Based Fanless  
 Router PC Network Firewall Appliance

### Key Features:

- Intel® 7<sup>th</sup> Gen Intel® Core™ i7/ Pentium® BGA Processor and Intel® SOC Chipset
- Rich I/O: Power button, VGA, HDMI, 4 x USB3.0, Console, DC, 6 x LAN
- Single SODIMM for up to 32GB DDR4 Memory
- Rich Storage: mSATA SSD, 2.5 Inch SSD/HDD
- Embedded Expansion: Mini PCIe for WiFi



### Specifications:

|                            |                   |                                             |
|----------------------------|-------------------|---------------------------------------------|
| Processor                  | CPU               | Intel® 4405U/ 4415U/Core™ i7 7500U          |
|                            | Chipset           | SOC                                         |
|                            | BIOS              | AMI                                         |
| Memory                     | Type              | DDR4                                        |
|                            | Socket            | SO-DIMM                                     |
|                            | Channel           | 1                                           |
|                            | Max Size          | 32GB                                        |
| Graphics                   | Display           | 1 x VGA<br>1 x HDMI                         |
|                            |                   |                                             |
| Network                    | Controller        | Intel I211/I210                             |
|                            | Interface         | 6 x RJ45                                    |
| I/O                        | USB               | 4 x USB3.0                                  |
|                            | Console           | 1 x COM to RJ45                             |
| Storage                    | Socket 1          | 1 x mSATA SSD                               |
|                            | Socket 3          | 1 x 2.5" SATA 6 Gb/s                        |
|                            | Auto Power On     | Enabled                                     |
| Operation System Supported | Router OS         | pfSense or any freeBSD based router systems |
|                            | Linux/Windows     | Support                                     |
| Power                      | Power Type        | DC-IN                                       |
|                            | Power Adapter     | 12V3A-5A                                    |
| Mechanical                 | Dimensions        | 175 x 110 x 37mm                            |
|                            | Construction      | Aluminum                                    |
|                            | Vesa Mount        | Optional                                    |
| Environment                | Operating         | -10~60℃                                     |
|                            | Relative Humidity | 0% ~ 95% (non-condensing)                   |
| Certification              |                   | CE, FCC, Rohs                               |

### Figure:



### Ordering Information:

| Model      | CPU                                  |
|------------|--------------------------------------|
| RG01-4405U | Intel® Pentium® 4405U Processor      |
| RG01-4415U | Intel® Pentium® Gold 4415U Processor |
| RG01-7500U | Intel® Core™ i7-7500U Processor      |