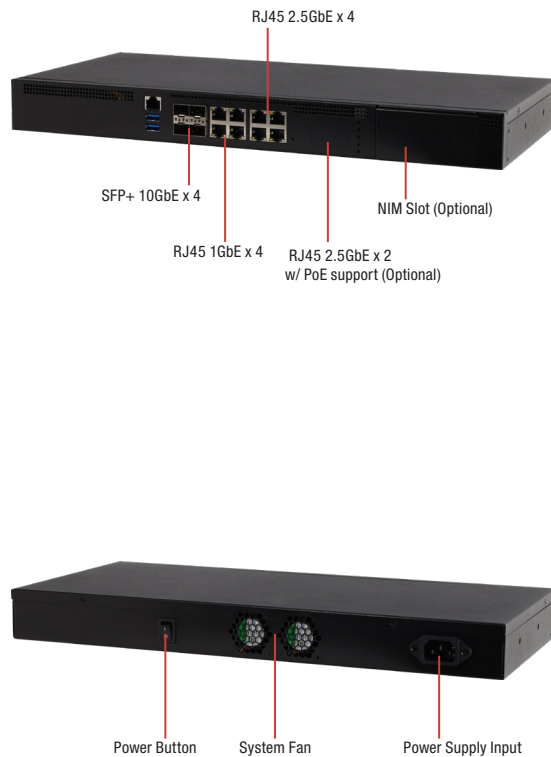


# FWS-7370



Network Appliance with Intel Atom® Processor P5300 Series



## Features

- Rackmount Network Appliance
- Intel Atom® Processor P5300 Series, TDP up to 83W
- DDR4 SODIMM up to 64GB ECC/Non ECC
- Intel® Ethernet Controller I226-V, 2.5GbE x 4 + Marvell® Alaska® 88E1543, 1GbE x 4 + 10GbE SFP+ (Optional: 2.5GbE RJ-45 x 2 with PoE support module or Riser card for NIM x 1)
- TPM 2.0
- 2.5" SATA SSD x 2 (Optional: 2.5" SATA SSD x 1 + M.2 2242 M-Key x 1)
- M.2 3042/52 B-Key x 1 (For 5G/LTE)
- SIM Slot x 1



| Storage                                |                                                                                                                                                                |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HDD                                    | 2.5" HDD Bay x 2 (1 SATA co-lay with M.2 2242 M-Key)                                                                                                           |
| CF/CFast/mSATA                         | eMMC for optional, up to 128GB                                                                                                                                 |
| Internal/ Expansion Interface          |                                                                                                                                                                |
| PCIe Slot                              | PCIe [x4] Slot x 1 (PCIe [x1] x 2 signal)<br>M.2 3042/52 B-Key x 1 (5G)                                                                                        |
| Mini-PCIe Slot                         | —                                                                                                                                                              |
| IPMI                                   | —                                                                                                                                                              |
| Keyboard and Mouse                     | —                                                                                                                                                              |
| USB                                    | USB 2.0 (Type-A) x 2                                                                                                                                           |
| Miscellaneous                          |                                                                                                                                                                |
| RTC                                    | Internal RTC                                                                                                                                                   |
| Watchdog Timer                         | 1~255 step by software programmable                                                                                                                            |
| Software Button                        | GPIO Programmable push button x 1                                                                                                                              |
| TPM                                    | TPM 2.0 SPI                                                                                                                                                    |
| GPIO                                   | DIO Pin Header x 1 (4-in/4-out) optional                                                                                                                       |
| Fan                                    | System Fan x 2                                                                                                                                                 |
| MTBF (Hours)                           | 30,480                                                                                                                                                         |
| Color                                  | Black                                                                                                                                                          |
| Environmental Parameters and Dimension |                                                                                                                                                                |
| Power Requirement                      | AC/DC open frame 200W PSU                                                                                                                                      |
| Operating Temperature                  | 32°F ~ 122°F (0°C ~ 40°C) with 0.2m/s air flow                                                                                                                 |
| Storage Temperature                    | -4°F ~ 158°F (-20°C ~ 70°C)                                                                                                                                    |
| Operating Humidity                     | 10%~90% relative humidity, non-condensing                                                                                                                      |
| Storage Humidity                       | 10 ~ 80% @ 40C, non-condensing                                                                                                                                 |
| Vibration                              | 0.5G / 5 ~ 500Hz / operation<br>1.5G / 5 ~ 500Hz / non-operation                                                                                               |
| Shock                                  | 10G peak acceleration (11 m sec. duration), operation<br>20G peak acceleration (11 m sec. duration), non-operation                                             |
| Dimension (W X D X H)                  | 16.9" x 7.8" x 1.7" (430mm x 200mm x 44mm)                                                                                                                     |
| I/O                                    |                                                                                                                                                                |
| Front Panel                            | Power LED x 1<br>Status LED x 1<br>Bypass LED x 2<br>Storage Active LED x 1<br>SW programmable button x 1<br>USB 2.0 type-A Port x 2<br>RJ-45 Console Port x 1 |
| Rear Panel                             | AC Power Input Connector x 1<br>Power Button x 1                                                                                                               |

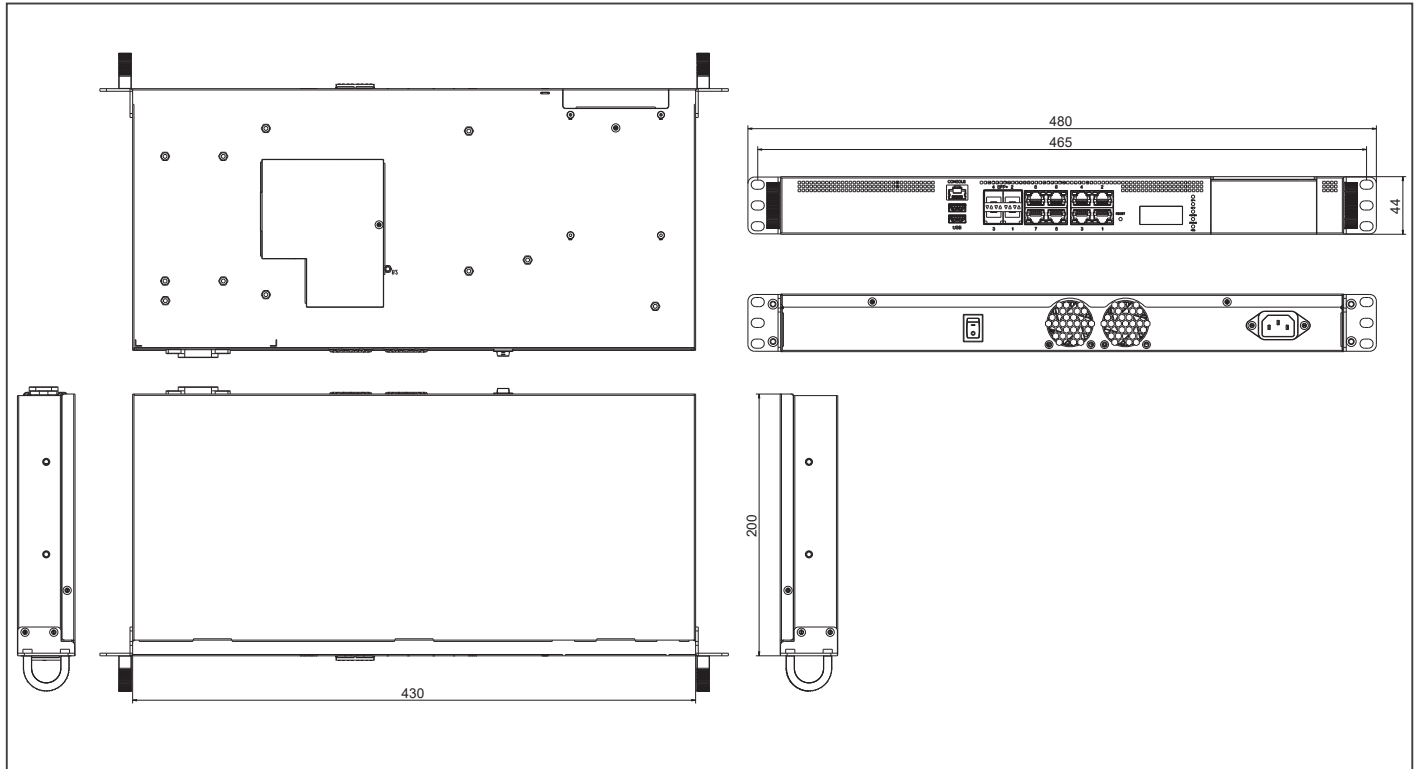
## Specifications

| System             |                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------|
| Form Factor        | Rackmount Network Appliance                                                                                               |
| Processor          | Intel Atom® P5300/C5000 Processors (Max 83W)                                                                              |
| Chipset            | SoC                                                                                                                       |
| System Memory      | DDR4 SO-DIMM up to 64GB ECC/Non ECC                                                                                       |
| Network            |                                                                                                                           |
| Ethernet           | Intel® Ethernet Controller I226-V, 2.5GbE RJ-45 x 4<br>1GbE by Marvell® Alaska® 88E1543, 1GbE RJ-45 x 4<br>10GbE SFP+ x 4 |
| Bypass             | 2 Pairs                                                                                                                   |
| NIM Slot           | NIM x 1 (Optional)                                                                                                        |
| Display            |                                                                                                                           |
| Graphic Controller | —                                                                                                                         |
| Connector          | —                                                                                                                         |



## Dimension

Unit: mm



## Ordering Information

| Part Number         | CPU                                                                                | Memory                              | Mini Card Slot                                | Storage          | LAN                                  | USB        | Console | Bypass         | NIM Slot | Expansion Slot | TPM    | Display |
|---------------------|------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------|------------------|--------------------------------------|------------|---------|----------------|----------|----------------|--------|---------|
| FWS-7370-E12-A10-00 | Intel Atom® Processor P Series Default: Intel Atom® Processor P5322, TDP up to 83W | DDR4 SO-DIMM up to 64GB ECC/Non ECC | M.2 B-Key x 1 (5G with push pin SIM slot x 1) | 2.5" HDD Bay x 2 | 2.5GbE x 4, 1GbE x 4, 10GbE SFP+ x 4 | USB2.0 x 2 | RJ45 x1 | 2 Pairs Bypass | —        | —              | TPM2.0 | —       |

## Optional Accessories

- **1702031803**  
Power Cord, 3P-250V/10A, 180D, 1.8M, VDE, YP22/YP12
- **1702031802**  
Power Cord, 3P-250V/10A, 180D, 1.8M, USA, YP22/YP12
- **170203180E**  
Power Cord, 3P-25V/7A, 180D, 1.8M, PSE, YP12/YP12
- **NIM-S13D-B10-G40-0002**  
LAN Module.Intel 82580EB.4x1GbE SFP.No Bypass. Rev.B1.0\_0\_0
- **NIM-C13D-B10-G40-0004**  
LAN Board Only.Intel 82580EB.4 x 1GbE Copper.No Bypass.Rev. B1.0
- **NIM-C13D-B10-G42-0002**  
Intel 82580EB.1G Copper LAN 4Ports. for FWS-7820/7821/7830/7831/7360/8600.w/2 bypass
- **PER-T700**  
NIM Riser Card

## Packing List

- Console Cable
- Ear Brackets
- FWS-7370