

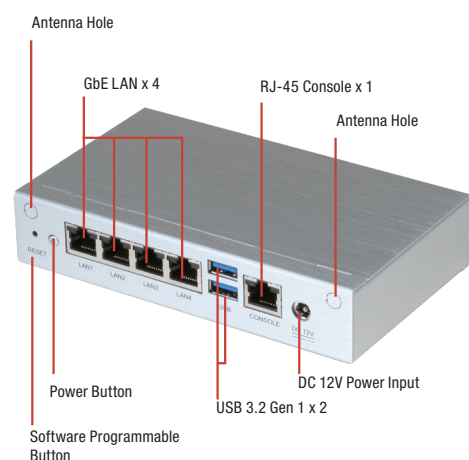


Desktop 4 LAN Ports Network Appliance with Intel® Celeron® N3350 Processor SoC

Front View



Rear View



## Features

- Intel® Celeron® N3350 Processor SoC
- Onboard LPDDR4, 1GB, Optional DDR3L 1866MHz Single-Channel SODIMM x 1 (Max 8GB, up to 1600MHz)
- 10/100/1000Base-TX x 4
- Onboard 8GB eMMC, SATA 6.0 Gb/s Port x 1
- Mini-Card Slot (with SIM Socket) x 1
- RJ-45 Console x 1, USB 3.2 Gen 1 x 2



### Internal/ Expansion Interface

PCIe Slot	—
Mini-PCIe Slot	Mini-Card socket (full-size) with SIM socket x 1
Keyboard and Mouse	—
USB	USB 3.2 Gen 1 x 2
<b>Miscellaneous</b>	
RTC	Internal RTC
Watchdog Timer	1~255 steps by software programmable
Software Button	—
TPM	(TPM v1.2 9660/TPM2.0 9665 Optional)
GPIO	Reserved internal pin-header 8-bit Digital I/O interface (4-in /4-out)
Fan	Fanless
MTBF (Hours)	162,469
Color	Silver

### Environmental Parameters and Dimension

Power Requirement	12V DC Power in connector
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Humidity	10%~80% relative humidity, non-condensing
Storage Humidity	10%~80% @40°C; non-condensing
Vibration	0.5 Grms/ 5 ~ 500Hz / operation (SATA DOM) 1.5 Grms/ 5 ~ 500Hz / non operation
Shock	10 G peak acceleration (11 m sec. duration), operation 20 G peak acceleration (11 m sec. duration), non operation
Dimension (W x D x H)	6.1" x 3.62" x 1.26" (155mm x 92mm x 32mm)

### I/O

Front Panel	Power LED x 1 Status LED x 1 Storage Active LED x 1 LAN LED x 8
Rear Panel	USB 3.2 Gen 1 Port x 2 RJ-45 Port x 4 RJ-45 Console x 1 12V DC Power Input x 1 Software Reset Button x 1 Power Button x 1 Antenna Hole x 2

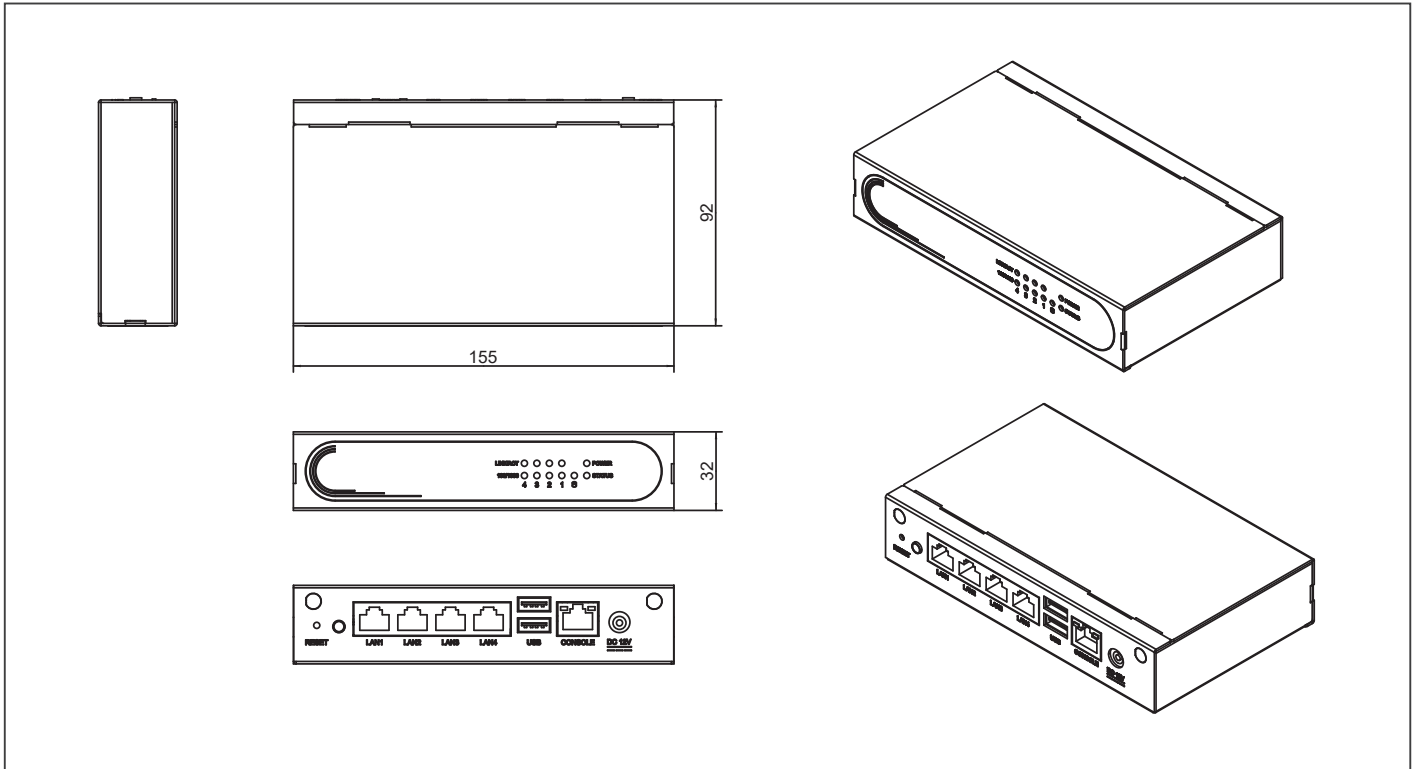
## Specifications

<b>System</b>	
Form Factor	Desktop Network Appliance
Processor	Intel® Celeron® N3350 Processor
Chipset	Intel® Celeron® N3350 Processor
System Memory	Onboard LPDDR4, 1GB, Optional DDR3L 1866MHz Single-Channel SODIMM x 1 (Max 8GB, up to 1600MHz)
<b>Network</b>	
Ethernet	Intel® Ethernet Controller I210, GbE x 4
Bypass	—
<b>Display</b>	
Graphic Controller	Intel® HD Graphics 505 Integrated
Connector	—
<b>Storage</b>	
HDD	—
CF/CFast/MSATA	Onboard 8GB eMMC SATA 6.0 Gb/s port x 1, for SATA DOM



## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	Memory	Bypass	Mini-Card Slot	Storage	LAN	USB	Console	System Fan	TPM	Display	Mounting	Power
FWS-2272E4-A10-A10-01	Intel® Celeron® N3350	Onboard 1GB LPDDR4	—	Full Size (USB Only)+ SIM socket x 1	Onboard 8GB eMMC, SATA 6.0 Gb/s Port x 1	Intel® Ethernet Controller I210, GbE x 4	USB 3.2 Gen 1 x 2	RJ-45 x 1	Fanless	—	—	Desktop	DC

## Packing List

- Power Adapter
- FWS-2272

## Optional Accessories

- **1700091805**  
Console Cable
- **1702021832**  
Power Cord, 2P/2P, 1.8M, USA
- **1702021836**  
Power Cord, 2P/2P, 1.8M, EU