



Desktop Network Appliance with Intel® Celeron® Processor N3350 SoC (formerly Apollo Lake)

Front View



USB 3.2 Gen 1 x2

Power switch

Rear View



12V DC jack

RJ45 1GbE x2

HDMI

With Antennas installed



(Antennas: Optional Accessories)

## Features

- Desktop Network Appliance
- Intel® Celeron® Processor N3350 SoC
- Onboard eMMC 16GB (Optional up to 32GB)
- Intel® Ethernet Controller I210, GbE x 2
- Mini-Card full size with wifi (11a/b/g/n/ac 2Tx2R) + BT (V5.0 LE)
- Onboard LPDDR4, 4GB
- TPM Supported (Optional)



LPDDR 4



Giga LAN



USB 3.2 Gen 1



Internal/ Expansion Interface	
PCIe Slot	—
Mini-PCIe Slot	Mini-Card Full Size Slot x1
Keyboard and Mouse	—
USB	USB 3.2 Gen 1 x 2
Miscellaneous	
RTC	Internal RTC
Watchdog Timer	1~255 steps by software programmable
Software Button	GPIO Programmable push button x 1
TPM	Optional Infineon.SLB9665TT2.0(FW5.63)
GPIO	(4 bits input, 4bits output optional)
Fan	Fan-less
MTBF (Hours)	TBD
Color	Black
Environmental Parameters and Dimension	
Power Consumption	12V DC Power Input Connector non-lock, 24W power adapter
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 (mSATA) 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)	4.53" x4.53" x 1.26"(115mm x115mm x 32mm)
I/O	
Front Panel	USB 3.2 Gen 1 x 2 Power Button x 1 Reset Button x 1
Rear Panel	DC Power Input Connector non-lock x 1 1GbE RJ45 Ports x 2 HDMI x 1

## Specifications

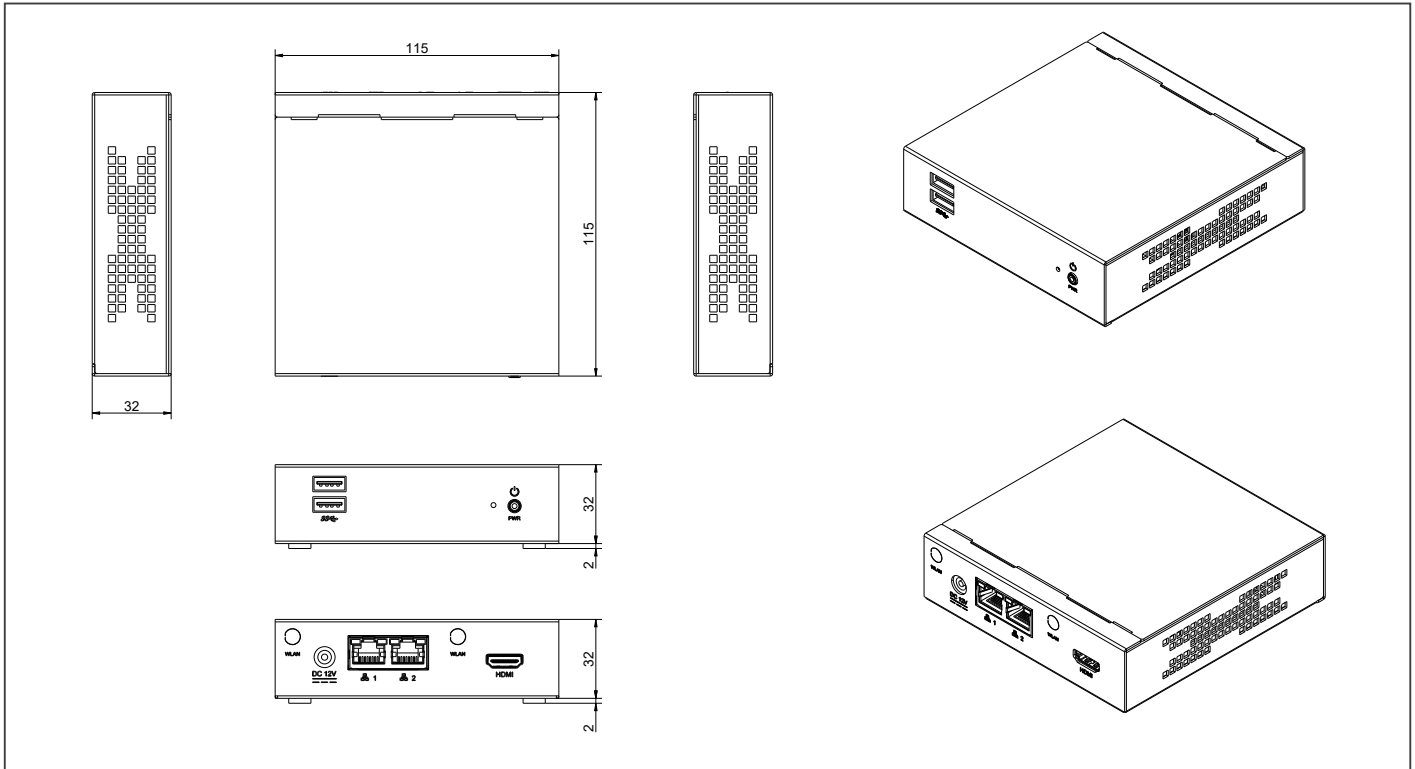
<b>System</b>	
Form Factor	Desktop Network Appliance
Processor	Intel® Celeron® Processor N3350 SoC
Chipset	SoC
System Memory	Onboard LPDDR4, 4GB
<b>Network</b>	
Ethernet	Intel® Ethernet Controller I210, GbE x 2
Bypass	—
<b>Display</b>	
Graphics Controller	Intel® UHD Graphics
Connector	HDMI x 1
<b>Storage</b>	
HDD	—
CF/CFast/mSATA	eMMC 16G

Note: All specifications are subject to change without notice.



## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	Memory	Bypass	Mini-Card Slot	Storage	LAN	USB	Console	System Fan	TPM	Display	Mounting	Power
FWS-2277-E2-A10-001	N3350	Onboard LPDDR4 ,4G	—	Mini Card Socket x1	eMMC 16G	Intel® Ethernet Controller I210, GbE x 2	USB 3.1 x 2	—	Fan-less	Optional	HDMI x 1	Desktop	DC

## Packing List

- Power Adapter x1
- FWS-2277

## Optional Accessories

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