

## Features

- Desktop 4 LAN Ports Network Appliance
- Intel® Pentium™ M/ Celeron™ M Processor Up To 1.8 GHz (BGA/PGA Co-lay)
- 200-Pin Dual-Channel DDR2 400 DIMM x 2 Up To 2 GB
- Intel® 910GML E Integrated Graphics Accelerator
- 10/100/1000Base-TX Ethernet x 4 (2-Port Bypass Function)
- Ultra ATA 100 x 1, DOM Up To 2 GB Port, SATA 1.5Gb/s x 2
- CompactFlash™ Type 2 x 1
- 96W Power With Auto Range Input
- USB2.0 x 2, RS-232 Console x 2 (Front Panel x 1, Pin Header x 1)
- Watchdog Function 1~255 Sec
- Internal 2.5" Disk Drive Bay x 1



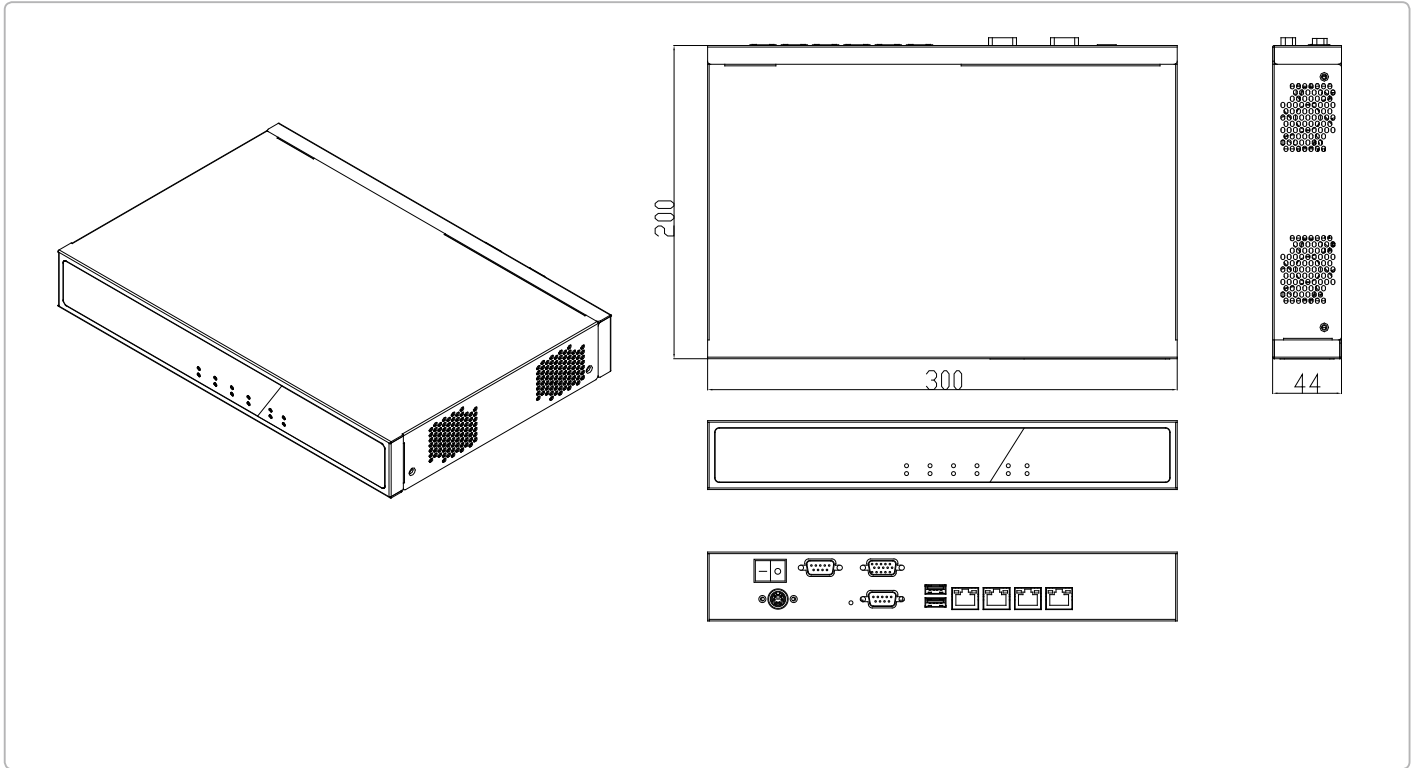
## Specifications

System	
Form Factor	Desktop 4-port Network Appliance
Processor	Intel® Pentium® M/ Celeron® M up to 1.8 GHz (BGA/PGA Co-lay)
System Memory	200-pin DDR2 400 SODIMM x 2, up to 2 GB
Chipset	Intel® 910GML E + Intel® 82801FBM (ICH6M)
Ethernet (Optional)	10/100/1000Base-TX x 4 (Intel® 82541/82551 co-lay, with 2- port bypass)
BIOS	Award Plug & Play FWH BIOS –8 Mb ROM
IDE Interface	ATA 100 x 1 channel (Support CD-ROM ATAPI devices)
Serial ATA	SATA 1.5Gb/s x 2
SSD	CompactFlash™ Type 2 Connector (ATA Mode)
Expansion Interface	Mini-PCI Type 3 Socket
Watchdog Timer	1~255 steps, can be set with software on Super I/O
RTC	Internal RTC
Storage	Internal: 2.5" Hard Disk (SATA or IDE) x 1
System Fan	4cm Ball Bearing Fan x 2
Front I/O Panel	Power LED x 1 Bypass LED x 1 Status LED x 1 HDD Active LED x 1 LAN LED x 8
Real I/O panel	LAN x 4 USB2.0 x 2 DB-9 Connector x 1 Software Reset x 1 Power Switch x 1
Color	Black
Power Supply	96W Power Adapter
Dimension	11.8" (W) x 7.9" (D) x 1.7" (H) (300mm x 200mm x 44mm)—Chassis 9.8" (W) x 11" (D) (250mm x 280mm)—Board
Power Consumption	87W, Intel® Pentium® M 1.8 GHz
MTBF (Hours)	58,000
Display	
VGA Controller	Integrated VGA on Intel® 910GML E, pin header connector
I/O	
Serial Port	COM ports x 2: (Internal Pin Header x 1) COM 1: RS-232 COM 2: RS-232 (Pin Header)
K/B and Mouse	Reserved pin header
Universal Serial Bus	TYPE-A Connector x 2 on rear panel
Environment	
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)

# FWS-2300

## Dimension

Unit: mm



Operating Humidity	10~80%
Storage Humidity	10~80%, non condensing
Vibration	0.5 g rms/ 5 ~ 500 Hz/ operation (2.5" Hard Disk Drive) 1.5 g rms/ 5 ~ 500 Hz/ non operation
Shock	10 G peak acceleration (11 m sec. duration), operation 20 G peak acceleration (11 m sec. duration), non operation

## Packing List

- **S225004010**  
Screw Accessories
- **1702151200**  
HDD Power Cable x 1
- **1700091803**  
D-SUB 9pin Cable x 1
- **1709070200**  
SATA Cable x 2
- **Product CD**
- **FWS-2300**

## Ordering Information

- **TF-FWS-2300-A10-00**  
Firewall Platform, Intel® Socket 479 Pentium® M, 4 GbE LAN, Desktop, 96W Power Adapter, Black

## Optional Accessories

- **1701160302**  
VGA Cable
- **1700080204**  
PS2 KB/MS Cable