



F103D

BRASWELL FANLESS SIGNAGE PLAYER



Intel® Braswell
Celeron® N3160 Processor



1 x HDMI (Max. 2560 x 1600 @60Hz)
1 x DP (Max. 2560 x 1600 @60Hz)



Support Wi-Fi/BT module
Support 3G/4G module



Fanless design

CPU

CPU	Intel® Celeron® N3160 processor
Turbo Frequency	2.24 GHz
Chipset	SoC
Processing Units	4 Cores
TDP	6 W

System

System Memory	2 GB, Onboard DDR3L (Optional: 4 GB) Up to 4 GB, 1 x SO-DIMM DDR3L-1333 MHz
Storage	1 x 2.5" SATAIII 1 x Full-size Mini-PCIe for MSATA 1 x TF Card reader
TPM	Optional: TPM2.0
Watchdog Timer	Yes
Auto Power On	Yes
RTC	Set up independently every day, a week as a cycle
Remo on	NA
Power Requirement	DC-IN, 19 V/2.37 A
Dimensions	189.6mm x 148.3mm x 26mm (7.46" x 5.83" x 1.02")
Construction	Metal, Black
Operating System	Windows 7 (64bit) /Windows 8 (64bit) Windows 10 (64bit) /Linux Ubuntu (64bit)
Operating Temperature	0°C ~40°C (32°F~104°F) @0.7m/s Air Flow
Humidity	95% @ 40°C (non-condensing)
Certifications	CE, FCC Class B

Network

Network Controller	2 x Realtek RTL 8111H Gigabit Ethernet
Ethernet Interface	2 x RJ45
Wi-Fi/BT	1 x Full-size Mini-PCIe for Wi-Fi/BT
Mobile Network	3G/4G colay with Mini-PCIe for Wi-Fi/BT 1 x SIM Slot

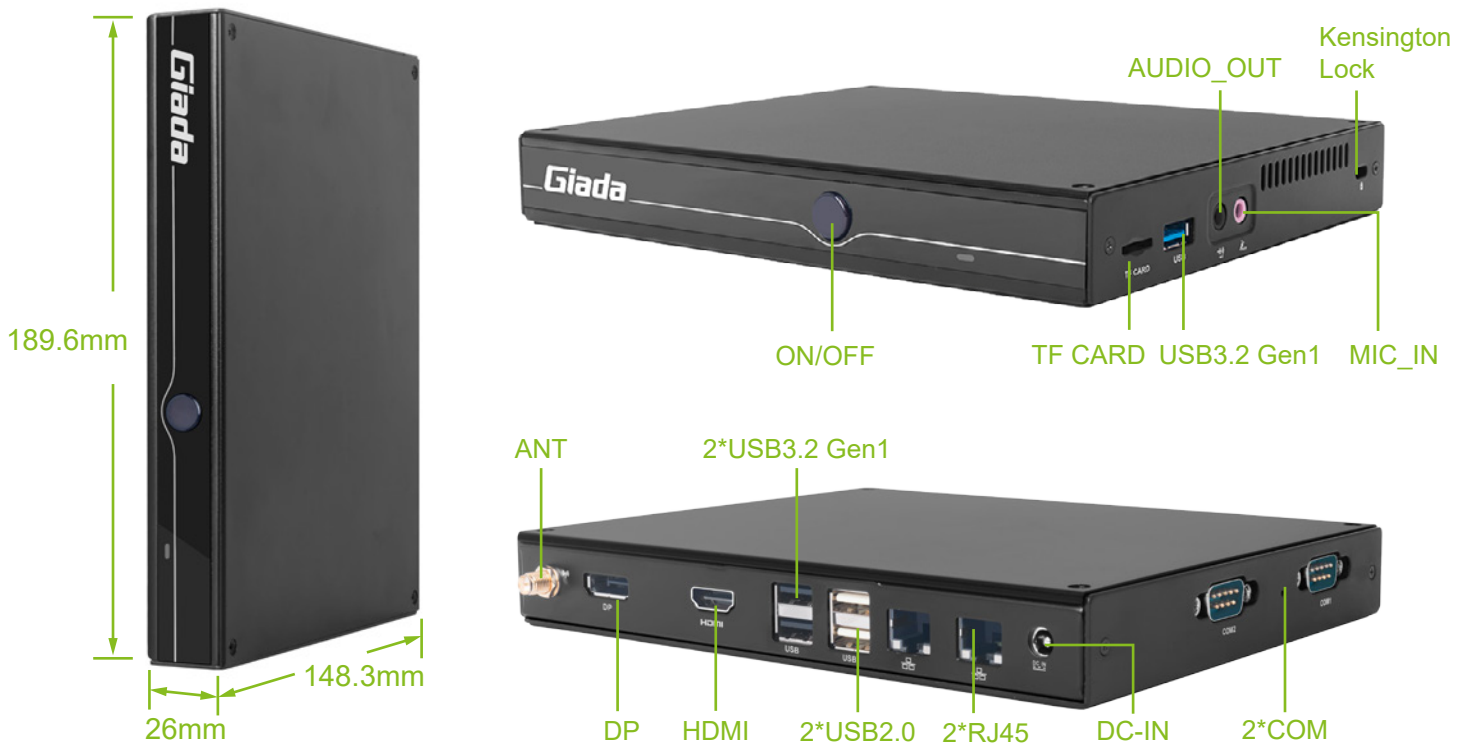
Display

GPU	Intel® HD Graphics
Graphic Engine	DirectX 11.1, OpenGL 4.2, OpenCL 1.2
Display Interface	1 x HDMI (Max. 2560 x 1600 @60 Hz) 1 x DP (Max. 2560 x 1600 @60 Hz)

I/O interface

USB	3 x USB3.2 Gen1, 2 x USB 2.0
Serial Port	2 x RS232
Audio	1 x MIC-IN, 1 x AUDIO-OUT
Button	1 x Power on, 1 x CLR-CMOS
Antenna	1 x Connector for Wi-Fi/BT

Dimensions and Drawing



Order information

F103D-BS200-DP	CPU: Intel® Celeron® N3160 processor RAM: 2 GB, Onboard DDR3L-1333 MHz
Packing List	1 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter
Package	Carton, EPE

Optional items

VESA Mounting	VESA Mounting Kit (JZ183)
Wi-Fi/BT Module	Azureware® AW-CB238H
Operating System License	Windows 10 (64bit)

