DATASHEET

FX-1605

AMD® Ryzen™ V1605B Processor based Mini PC with 4DP



Features

- CPU: AMD Ryzen V1605B Processor
- Memory: Dual Channel SO-DIMM DDR4 for Memory up to 32GB
- Display: AMD Radeon Vega 8 Graphics, Displays via 4xDP
- I/O Ports: 2xLAN,2xCOM, 2xUSB3.2, 4xUSB2.0
- Expansion: 1x M.2 for WiFi
- Storage: 1xM.2 for SSD, SATA3.0
- Power: 12V DC-in

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MAXIMIZING YOUR COMPUTING PRODUCTIVITY

Introduction

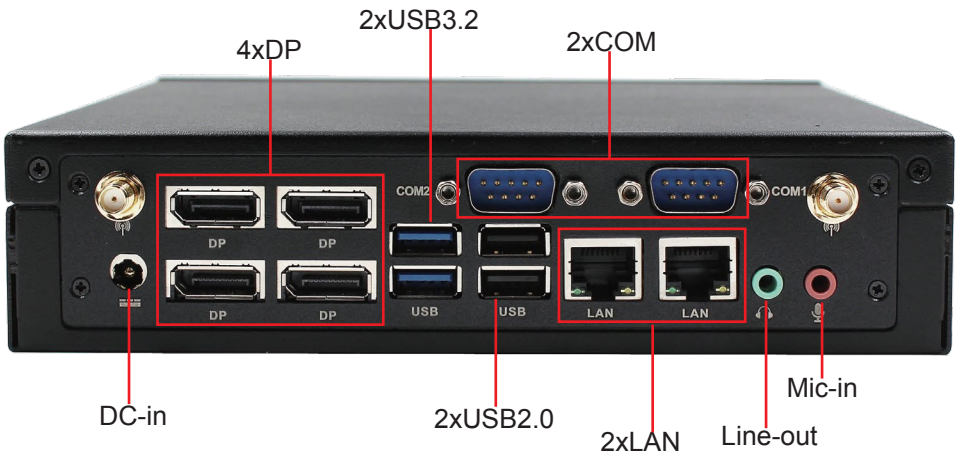
The Maxtang FX1605 is an embedded mini pc base on the AMD Ryzen V1605B processor with Radeon ™ Vega 8 Graphics. Supports multiple displays via 4DP, dual-channel DDR4 up to 32GB for its memory, two 10/100/1000 Mbps ethernet controllers, M.2 and SATA3.0 for storage, and an additional M.2 for WiFi. A rich I/O interface includes 2x USB3.2, 4xUSB2.0, 2xCOM, 2xLine-out, 2xMic-in with standard 12V DC-in caters to most markets requirements. It can provide excellent performance with greater space-saving.

The FX1605 is an ideal solution for various applications. It retains the robust design of all Maxtang product lines at a new cost-effective price point. Its powerful features provide you an outstanding visual experience, increase your productivity with stability, reliability. Our goal is to provide the best products with high quality and cost advantages.

Linux
ubuntu
Linux
Windows

H/W Monitor
Watchdog
GPIO
Brightness

I/O Interfaces



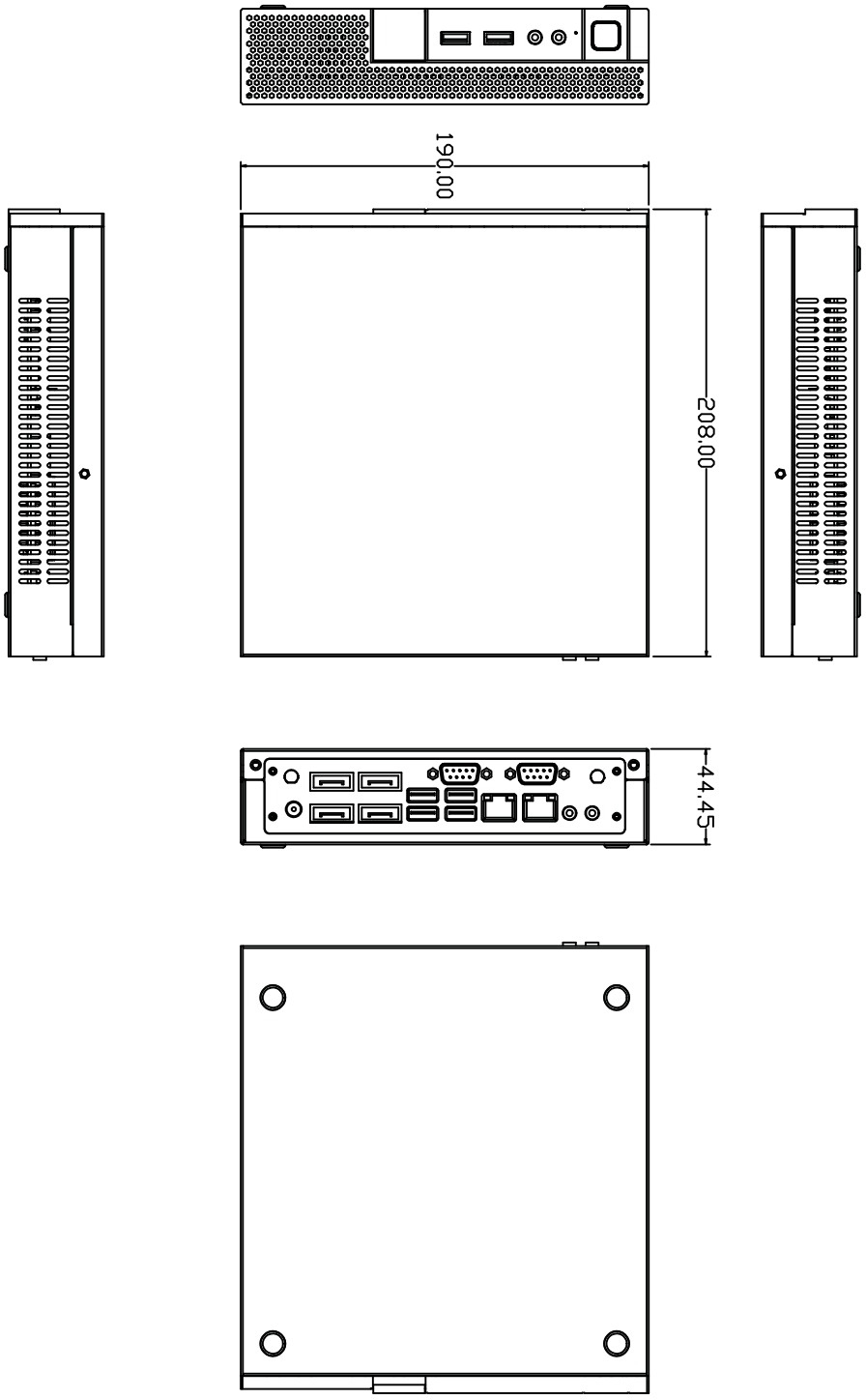


Technical Specifications

Processor	CPU	V1605B
	Max Boost Clock	3.6 GHz
	Base Clock	2.0 GHz
	Cache	2MB L2
	BIOS	AMI UEFI BIOS
Memory	Type	Dual Channel SO-DIMM DDR4
	Max Capacity	32GB
Display	GPU	Radeon™ Vega 8 Graphics
	Display Port	4xDP, Resolution up to 3840x2160 for single displa, supports Eyefinity
Ethernet	Speed	10/100/1000 Mbps
	Controller	RTL8111H
	Interface	RJ-45
Audio	Audio Codec	Realtek HD
	Interface	Line-out+Mic-in, Audio header, Amplifier header
Hardware		CPU temperature, system temperature, onboard voltage, watchdog
Storage	M.2	1x M.2 for 2280 SSD/4G
	SATA3.0	1x SATA3.0
Expansion	M.2	1x M.2 for Wi-Fi
I/O Interface	DP	4
	USB2.0	4
	USB3.2	2
	LAN	2
	COM	2
	Line-out	2
	Mic-in	2
	TPM	Onboard, Optional
Dimension	Size	208 mm x 190 mm x 45mm (L x W x H)
Power	Standard Port	12V DC-in
Temperature	Operating Temp.	-0°C to 50°C
	Storage Temp.	-20°C to 70°C
Cooling		Active
Operating System		Win 8/10 64bit, Linux 64bit

*All specifications and photos are subject to change without notice.

Dimension(in mm)



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