

MTS-1605-1U

Maxtang 1U Rackmount Network Appliance with 4DPs
Based on AMD Ryzen V1605B



Introduction

The Maxtang MTS-1605-1U, a 1U rackmount network appliance based on the AMD Ryzen Embedded V1605B with Radeon Vega 8 Graphics, comes with generous and flexible configurations for LAN ports, NIC expansion, storage and management, delivering advanced networking prowess for network traffic security, cloud computing and data centers.

This MTS-1605-1U is equipped with 4 independent DP interfaces with the advanced eyefinity technology to deliver stunning multi-display experience. Additionally, there is built-in support for M.2 and SATA devices. It also comes with PCIe x4 and PCIe x1 slots for customized expansion, greatly enhancing its flexibility and scalability.

Features

- CPU: AMD® Ryzen™ Embedded V1605B
- Memory: Dual channel SO-DIMM DDR4 (max 32 GB)
- Display: Up to 4 DP displays (LVDS/eDP optional)
- Storage: SATA3.0, M.2 (2280 SSD)
- Expansion: PCIe X4, PCIe X1
- Standard 1U rack-mounted, 44.45mm depth
- Front power switch with LAN, LED and HDD activity indicators
- Light weight aluminum construction.
- Easily mounted on ball bearing slides



I/O Interfaces



- | | |
|-------------------------|------------------|
| ① Power button | ② HDD indicator |
| ③ LAN1+LAN2 indicators | ④ 2x USB |



- | | |
|---------------------------|------------------------|
| ⑤ DisplayPort 4xDP | ⑥ 2xUSB3.0 + 2xUSB2.0 |
| ⑦ 2xLAN | ⑧ Line-out + Mic-in |
| ⑨ PCIe x4 + PCIe x1 | |

Technical Specifications

Processor	CPU	V1605B (Quad-core)
	Max boost clock	3.6 GHz
	Base clock	2.0 GHz
	Cache	2MB L2
	BIOS	AMI 64MB SPI
	TDP	12-25W
	Memory	Type
Max capacity		32GB
Display	GPU	AMD Radeon Vega 8 Graphics
	Display Port	4x DP1.3, resolution up to 3840x2160 (for single display)
	Eyefinity	Supported
	Eyefinity category	Tiles display SLS (4x1,3x1,2x1etc..) & Mixed Tiled display (2x2 etc...)
Ethernet	Speed	1 GbE
	Controller	RTL8111H
	Interface	RJ-45
Audio	Audio codec	Realtek HD ALC662 (Line-out, Mic-in)
	Interface	Line-out, mic-in, audio header, amplifier header
Hardware		CPU system temperature, onboard voltage, watchdog
Storage	M.2	1xM.2 for 2280 SSD
	SATA	1xSATA (2.5 inch)
Expansion	PCIe	PCIe x4, PCIe x1
External I/O	DP	4
	USB	4 x USB2.0 + 2 x USB3.0
	LAN	2
	Audio	1 x line-out + 1 x mic-in
	DC-in	1
	TPM	Onboard, optional
Dimension	Size	442 mm x 280 mm x 44.45 mm
Power	Standard port	12V DC-in
Temperature	Operating Temp.	-20°C to 60°C
	Storage Temp.	-40°C to 80°C
Cooling		Active
Operating System		Windows 10 64bit, Linux 64bit

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

Copyright ©2018 Maxtang Technology Co. Ltd. All rights reserved. All data is for information purposes only and not guaranteed for legal purposes. Information has been carefully checked and is believed to be accurate however, no responsibility is assumed for inaccuracies. Maxtang and the Maxtang logo and all other trademarks or registered trademarks are the property of their respective owners and are recognized.