

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 (2280SSD or NVMe)
- 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 2280SSD/NVMe
	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
Security	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.

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