



MiTAC Japan Corp.,

MP1-11TGS-D

A fanless embedded system equipped with an Intel® Tiger Lake-UP3 processor (up to 4.4GHz).



>> Product features

- **Equipped with Intel® 11th Generation (Tiger Lake-UP3) Core™ processor (up to 28W)**

Equipped with a new generation 10nm ++ CPU architecture, it improves performance by 60% and enables you to complete your work faster. Supports Core i7 with up to 4 cores, 8 threads, 4.4GHz turbo frequency, 28W TDP.

- **Excellent graphics computing capabilities**

The Intel Iris® Xe is powered by the new Iris® Xe (Gen12) graphics engine up to 96 EU and is equipped with four independent display units with 4K resolution.

- **Versatile expansion module**

It offers multifunctional I / O connectivity, up to 12 LANs, 8 PoEs, 12 COMs, 16 DIOs, and 2 CANBus. The multifunctional Xpansion module design can provide all the functions in a single system. Lower cost and more efficient modulation provides a variety of I / O features.

- **Extreme impact resistance and vibration resistance in harsh environments**

The MP1-11TGS-D uses a patented aluminum housing design that is impact resistant, vibration resistant and can be applied to extreme temperature conditions from -40oC to 70oC without a fan.

>> Conceptual diagram



MP1-11TGS-D

Product Overview Headline

A fanless embedded system equipped with an Intel® Tiger Lake-UP3 processor (up to 4.4GHz).

H/W spec

CPU	Core™ i7-1185G7E ※Can be change
MEMORY	4GB up to 32GB ※Can be change
STORAGE SLOT	512GB SSD ※Can be changed
EXPANSION SLOT	Mini PCI-E×1、 M.2 B Key、 M.2 E Key
GPU	Integrated Intel® Iris Xe Graphics
FRONT I/O	COM×4、 USB3.1 Gen2×4、 USB2.0×2、 LAN×2 (1GbE+1.5GbE)、 HDMI x2、 DisplayPort×2など。 ※Max LAN×12、 PoE×8、 COM×12、 DIO×16、 CANBus×2、 Power Ignition
Power	DC24V / 5A / 120W AC to DC adapter (For AC SKU)
Dimensions(m m)	W210×D150×H103mm
OS	Windows®10 Pro ※Linux Ubuntu 20.04

Product URL

<https://www.mitacmct.com/EmbeddedSystem%3DMP1-11TGS-D%3DMP1-11TGS-D%3Ddescription%3DEN>

Contact information

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