

MiTAC Japan Corp., MX1-10FEP-D

Embedded System for GPU Lake Xeon / Core-i Powerful Processor



>> Product features

• Powerful Coffee Lake-S Refresh Xeon Processor

MX1-10FEP-D is the next generation embedded system with Intel® Coffee Lake C246 workstation chipset which can support Xeon and Core-i LGA1151 socket type processor.

• Expandable GPU design for Edge AI

The embedded GPU computing platforms of the MX1-10FEP-D series are based on Intel® Xeon® or Core™ processors of the ninth or eighth generation and are optimized for applications in industrial automation and machine control

• Versatile Xpansion for industrial requirements

Tested by major players specializing in the automation sector, the versatile Xpansion Module design, offers various I/O functionalities through its lower clever cost effective modulation, providing all functions within one system.

• Flexible connection options and high resistance

The MX1-10FEP-D offers in each version a DisplayPort 1.2, a DVI-I as well as a HDMI 1.4 connection and is best suited for three independent displays, for example for digital signage or multimedia scenarios. Up to 64GB DDR4 RAM and three HDD or SSD hard disks per SATA III can be installed (and additionally two mSATA and one M.2 modules).

>> Conceptual diagram



MX1-10FEP-D

Product Overview Headline	Embedded System for GPU Computing with Intel® Coffee Lake Xeon / Core-i Powerful Processor	
H/W spec	CPU	Core™ i7-8700T ※Can be change
	MEMORY	8GB up to 64GB ※Can be change
	STORAGE SLOT	512GB SSD ※Can be changed
	EXPANSION SLOT	(PCI-E×1 + PCI-E x16) ×1、 ※Used on GPU (optional PCI-E×8 + PCI-E×8) ×1、 Mini PCI-E×2, M.2 M Key, M.2 E Key
	GPU	Tesla® T4 ※Can be change
	FRONT I/O	COM×2、 USB3.0×6、 USB2.0×2、 LAN×2、 DVI-I×1、 DisplayPort×1 など。 ※Max LAN×12、 PoE×10、 COM×10、 DIO×16
	Power	300W
	Dimensions(mm)	W268×H128×D246(Excluding protrusions, etc.)
	OS	Windows®10 Pro ※Support Linux Ubuntu 20.04
Product URL	https://www.mitacmct.com/EmbeddedSystem%3DMX1-10FEP-D%3DMX1-10FEP-D%3Ddescription%3DEN	
Contact information	MiTAC Japan Corp. TEL: 03-3769-8311 Email: MiTAC_NEWS@mitac.co.jp Inquiries fwebsite: https://www.mitac.co.jp/ja Business hours: 9:00 to 17:30 * Excluding Sundays, holidays, and year-end and New Year holidays	