

1169.00 EUR

incl. 19% VAT, plus [shipping](#)

- Intel i5 Tiger Lake-UP3 !
- 2x Gigabit LAN !
- 4x RS232 !
- Hot Swap SSD !



- Intel® i5-1145G7E Processor
- Outstanding graphic computing capability with Integrated Intel® Iris Xe graphics
- Intel® vPro technology support
- 1 x DDR4 SO-DIMM and support up to 32GB
- Support Quadruple display for HDMI, and DisplayPort
- 1 x Hot Swappable SSD/HDD slot
- 2 x Intel® Gigabit Ethernet (Option: additional 2 x LAN)
- 2 x USB 2.0, 4 x USB 3.1 Gen2 and 4 x COM
- 8V~24V wide voltage power input

SYSTEM	CPU	11st Gen Tiger Lake-UP3 Intel® Core™ i ULV Processor i3-1115G4E / (Dual Core, 6MB Cache, up to 3.90 GHz) / option: 11st Gen Tiger Lake-UP3 Celeron 6305E / i5-1145G7E / i7-1185G7E
	CHIPSET	Intel® SoC Integrated
	SYSTEM MEMORY	DDR4 3200 MHz / 1 x 260-pin SO-DIMM / Max. 32GB (Non-ECC)
	GRAPHICS	Intel® Iris Xe Graphics
	DISPLAY INTERFACE	DisplayPort 1.2 / HDMI 1.4
	STORAGE SLOT	1 x Hot Swappable 2.5 HDD / SSD (Maximum 9.5mm height) / 1 x M.2 B Key 2280/2260/2242 Slot
	ETHERNET	Intel® I219-LM Giga LAN / Intel® I225-LM 2.5GbE LAN / Additional 2 x Intel® I210-IT Giga LAN for Options
	AUDIO	Realtek® ALC256
	I/O CHIPSET	Nuvoton NCT6126D(eSPI)
	TPM	Nuvoton NPCT750AABYX TPM2.0
POWER REQUIREMENT		Wireless: M.2 2230 E key (PCIe, USB) / Storage/LTE/5G Slot: M.2 2280/2260/2242/3042/3052 B Key (USB2.0/*PCIex1/SATAIII) *Not support M.2 M Key NVMe SSD / **5G card support is by BOM option. Please check with sales about the M.2 B Key 3052 5G card spec if you have any request
	EXPANSION SLOT	
	INDICATOR	Power LED / HDD LED
	FRONT I/O	2 x SMA Antenna (Optional for WiFi/LTE function) / 3 x RS232 / 1 x Audio Combo Jack (Mic-in and Line-out) / 1 x Hot Swappable 2.5" SSD/HDD slot (Maximum 9.5mm height) / 2 x USB 2.0 / 1 x RS232 / 422 / 485 / HDD LED / Power Button w/ Power Indicator
	REAR I/O	2 x DisplayPort 1.2 / 2 x HDMI 1.4 / 2 x RJ-45 / 4 x USB 3.1 Gen 2 (10 Gbps) / 1 x 3-pin Terminal Block Power Input / 1 x 2-pin Terminal Block Remote Power on / off / 2 x SMA Antenna (Optional for WiFi/LTE function)
	H/W MONITOR	Temperature Monitor / Voltage Monitor
	WATCHDOG TIMER	1~255 steps by software program
	POWER INPUT	8~24V Wide Range DC Input w/ Terminal Block Connectivity / *Power Ignition Xpansion module is only optional in MP1-11TGS-D model.
	POWER ADAPTER	DC24V / 3A / AC / DC / 72W adapter (For AC SKU)

MECHANICAL	THERMAL DESIGN	Fanless
	MOUNTING	Wallmount / Side Mount / 75 mm x 75 mm VESA Holes & Din Rail Mount Combo Kit (Optional)
	DIMENSIONS (W X D X H)	8.3" x 5.9" x 2.5" (210 x 150 x 63 mm)
	WEIGHT	2.1kg (4.6 lb)
	MATERIAL	Top cover: Aluminum Alloy / Bezel and chassis: Steel
ENVIRONMENTAL	OPERATING TEMPERATURE	15W TDP: -40 ~ 70°C with 0.7m/s Air Flow (w/ Extended Temp. SSD/mSATA/RAM) / 28W TDP: -40 ~ 60°C with 0.7m/s Air Flow (w/ Extended Temp. SSD/mSATA/RAM)
	STORAGE TEMPERATURE	-40 ~ 85°C (-40 ~ 185°F)
	OPERATING HUMIDITY	10% ~ 95% R/H (Non-condensing)
	VIBRATION RESISTANCE	Operating: 5Hz~500Hz / 3Grms / 3Axis (w/ SSD, according to IEC60068-2-64)
	SHOCK RESISTANCE	Operating: 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)
OS	CERTIFICATION	CE / FCC Class A
	OS SUPPORT	Windows® 10 64-bit / Linux (support by request)
PACKING LIST	PACKAGE	1 x Quick Installation Guide / 1 x Embedded System / 1 x Wall Mount Brackets / 1 x 3 pin Terminal Block Power Connector / 1 x 2 pin Terminal Block Male Connector