

EC-7100

AIoT Edge Computing

7th Gen Intel® Core™ Desktop Processor-based System with NVIDIA MXM Graphics and Four Video Outputs

NEW



Features

- 7th Generation Intel® Core™ i7/i5/i3/ Pentium® / Celeron® Processors
- Nvidia GeForce GTX 1080 MXM (Type-B, Up to 150W)
- 2x DDR4 2133 SO-DIMM, dual channel, Max 32GB
- 1x HDMI 1.4 for console, 4x DP
- 1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth, 4G LTE or capture card options
- 1x M.2 B key (3042) for storage or 4G LTE options
- 2x 2.5" SATA III SSD device

System

System Board	MBD614
Processor	7th Generation Intel® Core™ i7/i5/i3/ Pentium® / Celeron® Processors
Graphics	<ul style="list-style-type: none"> • NVIDIA GeForce GTX 1080 • 2560 CUDA Cores • 7.96 TFLOPS • 8GB GDDR5X
System Memory	16GB DDR4 (up to 32GB)
Storage	2x SATA3.0 1x M.2 Key-M Type 2280 (SATA shared with PCI-E x4)
Construction	SGCC
Color	Dark blue
Display	4x DP 1x HDMI for console
Network	1x RJ45 GbE LAN Option: 2x additional LAN via IBD192 Mini PCI-E module
Watchdog	256 segments, 0, 1, 2...255 (sec/min)
Front I/O	2x USB3.0 1x HDMI 1.4 for console 1x Power button 2x LED for power and storage
Rear I/O	3x RJ45 LAN (2x optional) 4x DP 2x USB3.0 1x RJ45 COM (RS232) 1x DC-in Jack 1x 2-pin terminal block for external power switch
Side I/O	N/A
Expansion Slots	1x M.2 B-Key (3042) 1x Mini PCI-E (Full-sized) 1x SIM card slot
Fanless	No

Dimensions (WxDxH)	340mm x 170mm x 79mm (13.38" x 6.7" x 3.1")
Mounting	Wall Mount
Operating Temperature	0°C~ 45°C
Relative Humidity	5%~90% @45°C (non-condensing)
Certification	CE/FCC class B
Operating System	Windows10 / Linux

Ordering Information

EC-7100	Intel® Core™ i7-7700 3.6G, NVIDIA GeForce GTX 1080 8GB MXM card, 2x 8GB DDR4 memory, 2x 2.5"SSD 128GB & 270W PSU
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