

PRO 20EX 7M

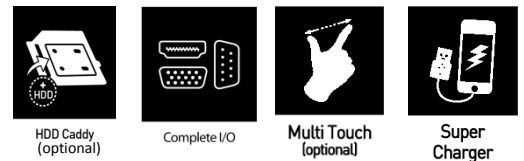
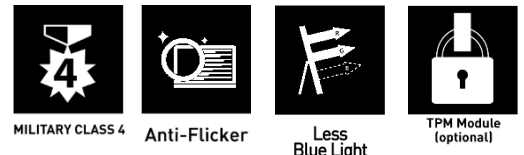
MSI recommends Windows 10 Pro

All-in-One, One for All.

Multi-talented PC that combines all the components in a display case to be an intelligent All-in-One PC for any business.

Selling Points

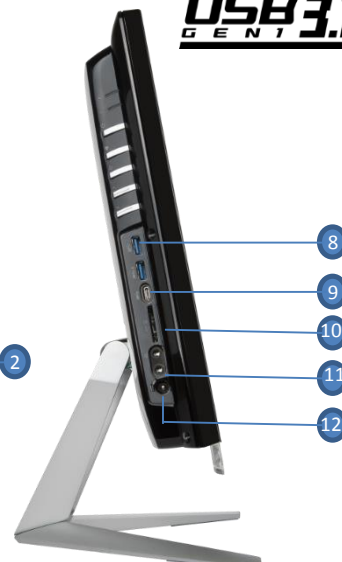
- Windows 10 Home 64-bit
- Intel® 7th gen Kaby Lake processor with DDR4 memory
- LED Display with Touchscreen (Optional)
- Military Class 4 Components ensure the excellent stability, power efficiency, and performance.
- Anti-Flicker / Less Blue Light technology / Anti-Glare (Non-Touch)
- Silent PRO Cooling System with Server Grade Thermal Module provides a more silent and cooler operation.
- Dual COM ports for any kind of input device like barcode scanners, credit card readers, printers or cash machines
- 3x USB 3.1 Gen 1 Type A (one for Super Charger), MSI Super Charge Technology supports USB sleep-and-charge with auto-detection
- 1x USB 3.1 Gen 1 Type C is a fully reversible-plug connector for your USB devices
- TPM Module (Optional)
- VESA Wall mounting (Optional)
- Extend storage by HDD Caddy (optional)



I/O & Accessory Overview



1. 1x USB3.1 Gen Type A
2. 3x USB2.0
3. 2x COM port
4. 1x HDMI-out
5. 1x HDMI-in
6. 1x VGA-out
7. 1x RJ45



8. 2x USB3.1 Gen1 Type A (one is with Super Charger)
9. 1x USB3.1 Gen 1 Type C
10. Card reader
11. MIC-in / Headphone-out
12. DC-in





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Product Name		PRO 20EX 7M
Part Number		-
EAN		-
System OS		Windows 10 Home
Processor	Type CPU Frequency / Cache Size CPU Cores/ Threads / CPU TDP	Intel® Core™ i3-7100/ i5 - 7400 3.9 GHz / 3M Cache 3.0 GHz / 6M Cache 2 / 4 / 51W 4 / 4 / 65 Watt
Chipset		Intel® H110
Touch Panel / Technology		Multi-Touch
Monitor	Size	452 mm (H) x 263 mm (V), 19.5"
	Resolution	1600 x 900 HD+
	Brightness	250cd/m2
	Response	5 ms
VGA	Graphic	Intel® HD Graphics 630
	VRAM	Integrate : Support Intel® Dynamic Video Memory Technology (DVMT) Technology
Memory	Type	DDR4 2400 MHz
	Configuration Maximum	DDR4 2 x SO-DIMM slots Expandable to 32GB
Storage	HDD	1TB (2.5" SSD)
	Total number of places Optical drive	1x 2.5" SSD/HDD, 1x M.2 PCIE/SATA SSD slot Tray in Super Multi ODD
Audio	Internal Microphone	Yes
	Audio Chipset Speaker	Realtek ALC887 2x 5W
Audio Jack	Mic-in/ Headphone out	1/1
	Line-in/ Line-out	-
Communication	Wireless LAN	Intel 3168 AC
	LAN (RJ45)	10/100/1000
	56K Fax/ Modem (RJ11)	-
	Bluetooth	4.2 Smart Ready
I/O	USB (front/ side / rear q'ty)	7 (0 / 2 x USB 3.1 Gen 1 Type A (one for Super Charger), 1 x USB 3.1 Gen 1 Type C / 1 x USB 3.1 Gen 1 Type A, 3 x USB 2.0)
	Card Reader	3 in 1 (SD4.0, MMC, MS)
	E-SATA / IEEE 1394	- / -
	HDMI-in / HDMI-out	1 / 1
	VGA-in / VGA-out	- / 1
	COM Port	2
Others I/O		-
Expansion		M.2 2230 (for WiFi)
TV Tuner		-
Webcam		1 M Pixels + 1 Digital Mic
Mechanical and Environmental	Operating, Storage Temperature	10 - 35°C, -20 - 60°C
	Operating, Storage Humidity Regulatory Compliance	40 °c 85% and 0 °c 0% , -20°c~60 °c ; 0%~90% Safety: UL/CB , EMC:CE/FCC/C-TICK/VCCI/BSMI
Noise		21.5dB (Idle) / 33dB (Full load)
Lock		Kensington Lock
Wake-on-LAN		YES
KB / Mouse		USB KB/Mouse (Optional)
Wall Mount		VESA standard (STD 100x100mm) (Optional)
Power	AC Adaptor	120W
Durability		35M times / -
Dimension (W x H x D)		490.18 x 209.47 x 394.97mm
Weight	Net / Gross Weight	6.96 / 9.66 KG
Warranty		Depends on region
Accessories		VESA Wall mounting (Optional)