Digital Engine
Medically certified
DE7600-M

The DE7600-M is a Digital Engine with all the necessary medical certifications to use its 24/7 operability in healthcare. The medical certifications make this device perfect for home healthcare environments and are used in patient monitors and patient ventilators.[1] The device has good operating temperatures and has no restricted materials present, such as lead, mercury or cadmium.[2] On top of that it withstands electromagnetic interference, compliant with medical regulations.[3] In short: a super safe mini PC, used in hospitals in patient rooms and other home healthcare applications!
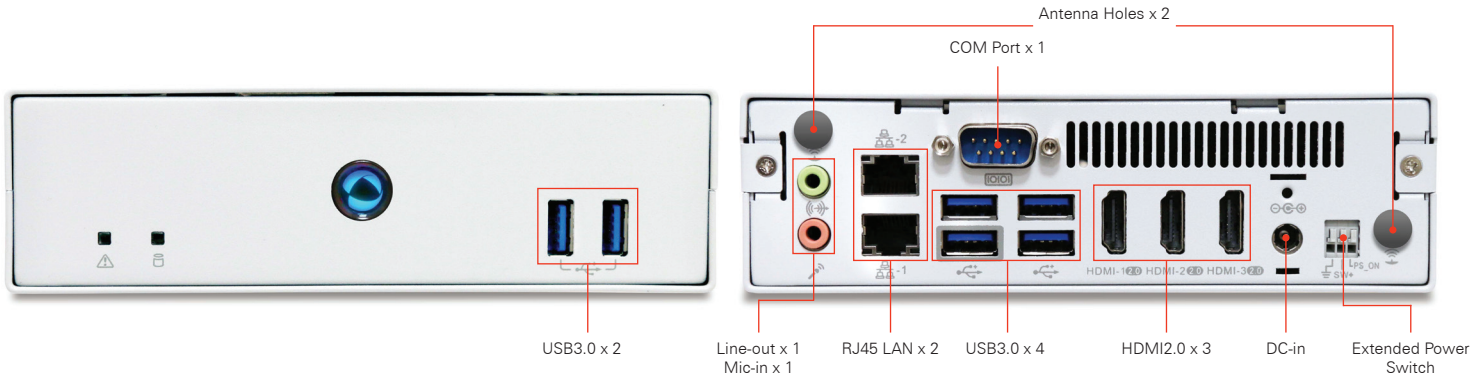
The DE7600-M features:
+ 8th Generation Intel® Core™, available in i5 and i7
+ Medical grade AC adapter
+ HEVC/H.265 & VP9 high-definition playback (hardware accelerated)
+ Compact size
+ TPM2.0

DE7600-M

Antenna Holes x 2
COM Port x 1

USB3.0 x 2 | Line-out x 1 Mic-in x 1 | RJ45 LAN x 2 | USB3.0 x 4 | HDMI2.0 x 3 | DC-in | Extended Power Switch

Model name	DE7600-M
Summary	Digital Engine for medical purposes.

Dimension	W x H x D (mm)	166 x 48 x 177 mm
	W x H x D (inch)	6.54 x 1.89 x 6.97 inch
Volume		1.41L
Weight		1.74 kgs
CPU		8th Generation Intel® Core™ (i5, i7)
Memory	Channel	Dual Channel
	Type	DDR4 SO-DIMM x 2
	Data rate	2666
	Max Memory	32G (based on OS Support)
Graphics	Chip	Intel® UHD Graphics 630
Expansion Slot		M.2 2242 x 1, M.2 2280 x 1, M.2 2230 x 1
Audio	Type	Realtek HD Audio ALC269Q
	Channel	Stereo
LAN		Realtek Gigabit Ethernet i210AT x 1, i219LM x 1 10 / 100 / 1000 Mbps
Storage	2.5" SATA HDD	-
	M.2 SSD	x 1
TPM		2.0

Supports:

Front Panel IO	USB 2.0 Port		-
	USB 3.0 Port		-
	Others		USB3.0 x 2
Rear Panel IO	DC Jack		x 1 (12V / 19V)
	HDMI Port		x 3 (HDMI2.0)
	USB 2.0 Port		-
	USB 3.0 Port		x 4
	eSATA Port		-
	RJ45 LAN Jack		x 2
	Display Port		-
	Audio Set	Line-Out	x 1
		Mic-in	x 1
	Antenna Holes		x 2
	Kensington Lock Hole		x 1
	COM Port		x 1
	Others		-
CPU Thermal Module			AOPEN Thermal Module
WatchDog Timer			1 ~ 255 sec/min
Adapter			GSM90A19-P1M (19V / 4.74A / 90W)
Input Voltage			C 100 ~ 240V
Warranty			2 Years
Certifications			IEC 60601-1, EN 60601-1, CE, FCC, ROHS Compliance

Environment	
MTBF	50.000 hrs
Operating Temperature	0 ~ 50ºC (32 ~122ºF)
Storage Temperature	-30 ~ 60ºC (-22 ~140ºF)
Relative Humidity	95% RH (50º non-condensing)

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