

OR-PC[®]-21-TGU

11th Gen Intel[®] Core[™]
21" Medical All in One Panel PC



KEY FEATURES



21" 1920 x 1080 TFT Panel

Full glass front (16.7 millions colors)



IP65 Front Panel

IP65 Water/Dust-proof



Antibacterial Coating

Additional Antibacterial Coating (option)



Fanless Design

Fanless and completely enclosed design



Medical Certification

IEC 60601-1:2020 (Ed 3.2)
IEC 60601-1-2:2020 (Ed. 4.1)



Various Display Size



Fields of Application

- Intensive care unit
- Intermediate care (ITS/IMC/ICU)
- Operating theatres
- Intervention areas
- Inlet and outlet rooms
- Recovery room
- Mobile ward round, PDMS
- Areas with high hygienic requirements
- Clean rooms
- Pharmacies
- Veterinary medicine



SPECIFICATION

SYSTEM	Processor	11th Generation Intel® Core™ Processors Intel® Core™ i7-1185GRE, Quad Core, 12M Cache, 1.8GHz (4.4GHz), 15W Intel® Core™ i5-1145GRE, Quad Core, 8M Cache, 1.5GHz (4.1GHz), 15W Intel® Celeron® 6305E, Dual Core, 4M Cache, 1.8GHz (1.8GHz), 15W	
	Memory	2 x 260-pin SO-DIMM up to 64GB (32GB per slot) Dual channel DDR4 up to 3200MHz (Support in-band ECC)	
	BIOS	AMI SPI 256Mbit	
DISPLAY AND TOUCH SCREEN	Display	21" TFT display with full glass front (16.7 millions colors; 1920 x 1080 px)	
	Brightness	250 cd/m ²	
	Contrast	1000:1	
GRAPHICS	Controller	Intel® Iris® Xe Graphics for i7/i5 Processors Intel® UHD Graphics for i3/Celeron Processors	
	Feature	OpenGL 4.5, DirectX 12, OpenCL 2.1 HW Decode: WMV9, AVC/H264, JPEG/MJPEG, HEVC/H265, VP9, AV1 HW Encode: AVC/H264, JPEG, HEVC/H265, VP9	
	Display	2 x DP++	DP++: resolution up to 4096x2304 @ 60Hz
STORAGE	External/Internal	Up to 2 TB m.2 SSD	
AUDIO	Audio Codec	Realtek ALC888	
ETHERNET	Controller	2 x Intel® I211AT/I210IT PCIe (10/100/1000Mbps) 1 x Intel® I225LM/I225IT PCIe (10/100/1000Mbps/2.5Gbps)	
LED	Indicators	1 x on/off button for PC 1 x on/off button for touchscreen / backlight 2 x brightness control buttons 1 x status LED for storage device	
I/O	Ethernet	3 x GbE (RJ-45)	
	USB	4 x USB 3.1 Gen2 (Type-A) 1 x USB Type-C (Support USB 3.1 Gen2, 15W power delivery and DP Alt mode)	
	Display	2 x DP++	
	Audio	1 x Front Audio (2.0mm pitch)	
	Buttons	1 x on/off button for PC 1 x on/off button for touchscreen / backlight 2 x brightness control buttons	
WATCHDOG TIMER	Output & Interval	System Reset, Programmable via Software from 1 to 255 Seconds	
POWER	Type	Internal power supply unit: 100-240VAC, 50/60Hz, max. 110W	
OS SUPPORT	Microsoft	Windows 10 IoT Enterprise 64-bit	
	Linux	Linux	
ENVIRONMENT	Operating Temperature	0 to 40°C	
	Storage Temperature	-10 to 60°C	
	Relative Humidity	Operating: 10 to 90% RH (non-condensing) Storage: 5 to 70% RH (non-condensing)	
MECHANISM	Construction	Fanless, milled aluminium housing without openings and thin aluminosilicate glass	
	IP Rating	IP65 Front Panel Protection IP31 PC unit IP54 with cover for input / output (option)	
	Mounting	VESA 100 Mount	
	Dimensions (W x H x D)	ca. 520 x 340 x 58 mm / ca. 20 x 13 x 2 inches	
	Weight	ca. 7 kg / ca. 15 lbs	
STANDARDS AND CERTIFICATIONS	Certifications	CE IEC 60601-1:2020 (Ed 3.2) IEC 60601-1-2:2020 (Ed. 4.1)	

OPTIONAL ITEM

Optional Items	Part Number
Wall-station mounting	TBD
Cable cover	TBD
Keyboard shelf	TBD
Table stand	TBD
Mouse and keyboard	TBD
Mounting/wall bracket	TBD