WCP Series
WCP2157

MACTRON GROUP ®

21.5" Automation Premium Windows Touch Panel PC

WIFI   **Bluetooth**   **Front IP65**   **Fanless**

- 21.5" Windows System with Intel 15th/13th/12th/8th Core™ Processor
- Fanless Aluminum Die Casting Housing and Black/White Appearance Design
- Magnetic IO Port Cover for Easy Maintenance
- Front Panel IP65 Protection
- Rich & Flexible I/O Port Design
- Wide-range Voltage DC input 9-36V

| Amusement and Entertainment Device | Smart Cities Terminal | Self-service Terminal | Industrial | Gambling Machine |

Specification

WCP2157

Display

Model Name	WCP2157-Whiskey Lake	WCP2157-Alder Lake	WCP2157-Raptor Lake	WCP2157-Arrow Lake
Display Type	21.5" TFT LCD			
Resolution	1920 x 1080			
Aspect Ratio	16:9			
Brightness	500 nits			
Touch Panel	True-Flat 10-Points Projected Capacitive Touch			
Viewing Angle	-89° ~ 89°(H) ; -89° ~ 89°(V)			

Main System

Model Name	WCP2157-Whiskey Lake	WCP2157-Alder Lake	WCP2157-Raptor Lake	WCP2157-Arrow Lake
Processor	Intel® Core™ i5-8365UE Processor	Intel® Core™ i5-1245UE Processor	Intel® Core™ i5-1335U Processor	Intel® Core™ Ultra 5 Processor 235U
	Intel® Core™ i3-8145UE Processor	Intel® Core™ i7-1265UE Processor (Optional)	Intel® Core™ i7-1355U Processor (Optional)	Intel® Core™ Ultra 7 Processor 265U
	Intel® Celeron® Processor 4305UE	Intel® Core™ i3-1215UE Processor (Optional)	Intel® Core™ i3-1315U Processor (Optional)	
		Intel® Celeron® 7305E Processor (Optional)		
GPU	Intel® UHD Graphics 620 for Core-I Processor	Intel® Iris® Xe Graphics eligible for Core-i5 & Core-i7 Processor		Intel® Graphics
	Intel® UHD Graphics 610 for Celeron Processor	Intel® UHD Graphics for Core i3 & Celeron Processor	Intel® UHD Graphics for i3 Processor	
NPU	No Support			Intel® AI Boost with 12 TOPS
Memory	1 x SO-DIMM, DDR4 8GB, 2400 MHz (Max.32GB)	1 x SO-DIMM, DDR5 8GB, 4800 MHz (Max.32GB)	1 x SO-DIMM, DDR5 8GB, Up to 5200 MHz (Max.32GB)	1 x SO-DIMM, DDR5 8GB, Up to 6400MHz (Max.32GB)
	1 x SO-DIMM, DDR4, 2400 MHz (Max.32GB)	1 x SO-DIMM, DDR5, 4800 MHz (Max.32GB)	1 x SO-DIMM, DDR5, Up to 5200 MHz (Max.32GB)	1 x SO-DIMM, DDR5, Up to 6400MHz (Max.32GB)
Storage	1 x M.2 2280 Slot, 256GB (Max.1TB)			
	1 x 2.5" SSD SATA (Max.1TB)			
I/O Ports	4 x USB 3.0 (Type-A)		4x USB 3.2 Gen2 (Type A)	
	1 x DB9 COM (RS232)		2 x DB9 COM (RS232)	
	2 x DB9 COM (RS232 / RS422/ RS485)		4 x USB 2.0	
	2 x LAN (1 x Intel® I211, 1 x Intel® I219LM)		2 x 2.5GbE LAN (1 x Intel® I226-V, 1 x Intel® I226-LM(Support Wake On LAN))	
	1 x HDMI 2.0, 4096x2160@60Hz			1 x HDMI 2.1,7680×4320@60Hz
	1 x DVI-I		1 x HDMI 2.0	
	1 x Mic-in			
	1 x Line-out			
	1 x Power Jack support 9~36V DC-in			
	1 x Power On/Off Button			
	1 x Power switch for Power On/Off			
Communication	WLAN : IEEE 802.11a/b/g/n/ac; 2.4GHz/5GHz (Internal Antenna)			
	Bluetooth 4.2			
Operating System	Windows 10 IoT LTSC, Windows 11, Linux			

Physical

Camera	Front Camera : 2.0 MP
Audio	2 x 2W Speaker
Mounting	VESA Mount 100 x 100 mm
Color	Black / White
Enclosure	Aluminum Die Casting
Cooling System	Fanless
Power Adapter	DC 19V/4.74A, 90W
TPM	TPM 2.0

Packing List

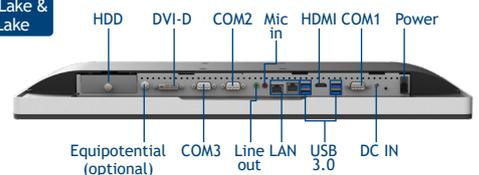|	
Dimensions (WxDxH)	543 x 334 x 49.9 mm
Weight	7.6 Kg
Box Dimension	670 x 180 x 480 mm
Box Weight	10.0 Kg
Standard Accessory	1 x 90W Power Adapter
	4 x Rubber Stopper

Environment

IP Rating	Front IP65
Certification	CE, FCC Class A, EU RF
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Relative Humidity	20% ~ 80% (non-condensing)
Warranty	2 Years

Overview

VESA 100 x100 mm

Extensional Power Button (Optional)

Magnetic I/O Port Cover

Whiskey Lake & Alder Lake

HDD DVI-D COM2 Mic in HDMI COM1 Power
Equipotential (optional) COM3 Line out LAN USB 3.0 DC IN

Raptor Lake & Arrow Lake

HDD HDMI COM2 Mic in HDMI COM1 Power
Equipotential (optional) USB2.0 Line out LAN USB 3.0 DC IN

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www.mactrongroup.com
sales@mactrongroup.com