

# TC238-JL

23.8" All-in-one thin client terminal with Intel® Jasper Lake Quad-Core processor



## Features

- Designed with Intel® Jasper Lake N Platform for energy saving
- Compliant with Intel® Smart Display Module (SDM-L) design
- 23.8" 1080P Display with LED backlight panel
- Frameless bezel and fanless design
- Support two USB 3.0, two USB 2.0 and option eMMC, TPM 2.0 on board
- Support up to 4K60 resolution for connected display
- Optional 5M webcam
- Optional Wi-Fi module (M.2 2230 E Key Socket)

## Specification

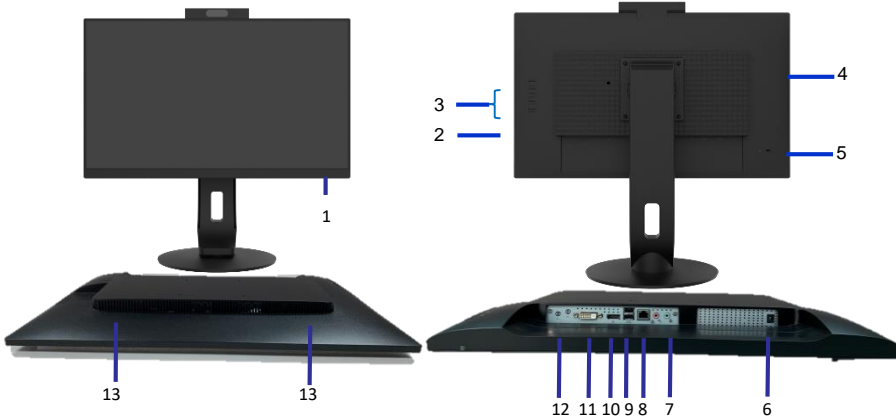
Processor	CPU	Intel® Celeron® N5100 Quad-Core 1.1GHz up to 2.8GHz	
Memory	RAM	x 1 SO-DIMM socket for DDR4 2933MHz RAM up to 16GB	
Storage		8G eMMC on board (Manufacturing option), x 1 mSATA connector for SSD	
Audio	Speaker	2W x 2 (Built-in internal high quality speakers )	
Display	Display Size	23.8" TFT LCD with LED backlight	
	Resolution	Up to 1920 X 1080	
	Brightness/ Support Color	250 cd/m <sup>2</sup> , 16.7M color	
I/O Physical	USB 3.2 Gen1	x 2	
	USB 2.0	x 2	
	DP	x 1 (Max. Resolution up to 3840 x 2160@60Hz)	
	DVI-D	x 1	
	3.5mm Headset jack	x 1 (support TRRS)	
Security	TPM (Trust Platform Module )	x 1 on board (Manufacturing option) TPM 2.0 (Trust Platform Module, Infineon SLB 9665TT2.0)	
Networking	LAN	x 1 (RJ-45, 10/100/1000 Base-T)	
	WLAN	x 1 M.2 E key (Optional module)	
Other Expansion		5M webcam with dual digital microphone (Manufacturing option)	
Environment	Temperature	Operation	32° to 95° F (0° to 35° C)
		Storage	-4° to 140° F (-20° to 60° C)
	Relative Humidity		20% to 80% non-condensing
Power	Power Supply	65W, DC 19V/3.42A external power adapter	
Mounting	VESA Mount	100 x 100 mm	
Compatible OS		Win10 IoT Enterprise, Linux per request	
Mechanical	Kensington Lock	Yes	
Physical Characteristics	Chassis Housing	Plastic and metal	
	Dimension	539.5(W) x 343.7 (H) x 48.2 (D) mm (w/o stand)	
Regulatory Compliance		FCC/ CE/ LVD	

## Drawing

Specifications subject to change without notice.

Front View

Rear View



- |                       |                  |
|-----------------------|------------------|
| 1. Power LED          | 8. RJ45 LAN      |
| 2. Power Button       | 9. USB2.0x2      |
| 3. OSD Control Button | 10. DP           |
| 4. USB3.0 x2          | 11. DVI-D        |
| 5. Kensington Lock    | 12. Antenna Hole |
| 6. 19V DC-jack        | 13. Speaker      |
| 7. Headset jack       |                  |

