

S820

High performance Thin Client with Intel® Quad-Core processor, 1 x LAN (alternative to Fiber LAN Socket), 4 x USB 2.0, 2 x USB3.0, 1 x USB Type-C, 2 x DP



Features

- Powered by Intel® Elkhart Lake platform
- Compact and fan-less design
- Dual displays (2 x DP)
- Support RJ45 Gigabit LAN (alternative to Fiber LAN Socket)
- Optional Port-on-Foot
- Optional TPM 2.0
- Optional WiFi module

Specification

Processor	CPU	Intel® Celeron® J6412 Quad-Core 2.0GHz up to 2.7GHz	
Memory		x 1 SO-DIMM socket for DDR4 3200MHz up to 16GB	
Display	Max. Resolution	up to 3840 x 2160 @60Hz	
Audio	Speaker	x1 (Built-in 0.5W internal speaker)	
Storage		Onboard eMMC from 8GB to 32GB x 1 mSATA connector	
I/O Physical	DP	x 2	
	USB-A 3.2 Gen 1	x 2 (front x 2)	
	USB 2.0	x 4 (rear x 4)	
	USB-C 3.2 Gen 2	x 2 (front x 1; bottom x1 for a interface of POF, or USB function in VESA mount condition)	
	DC Jack	x 1	
Networking	LAN	x 1 (RJ-45,10/ 100/ 1000 Base-T)	
	Fiber Optic LAN	x 1 (alternative to RJ45 port) Intel® I210 Lan chip for fiber	
	WLAN	x 1 (optional, M.2 2230 E key socket)	
Other Expansion	POF (Port-on-foot) (optional)	COM x 1 + Parallel port x 1	
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		DC 12V external power adapter
Orientation	Foot Stand		Vertical
Security			TPM 2.0 (Trust Platform Module), (Manufacturing option) Kensington lock
Compatible OS			Win10 IoT Enterprise LTSC, Linux per request
Physical Characteristics	Chassis Housing/ Color		Plastic and metal/ Black
	Dimension (mm)		42(W) x 153(D) x 201(H)
Regulatory Compliance			CE/ FCC/ LVD

Specifications subject to change without notice.

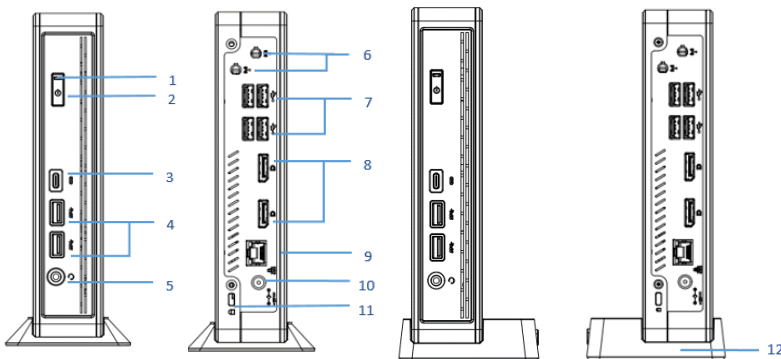
Drawing

Front View

Rear View

Front View (w/POF)

Back View (w/POF)



1. Power button
2. Power LED
3. USB-C 3.2 Gen2
4. USB-A 3.2 Gen1
5. Headset Jack
6. Antenna Hole
7. USB 2.0
8. DP
9. RJ45 LAN
(alternative to Fiber LAN socket)
10. 12V DC jack
11. Kensington lock
12. POF (Port-on-foot)