



The OPS690 is developed for use with the MiBoard IFP. It is 80 JAE 80PIN standard, compatible with most other IFP product lines. It uses a laptop CPU integrated on the motherboard and is powered separately.

Supports up to 32GB of RAM. The back of the OPS has a full range of ports, including USB A, USB C, DP, HDMI Out, etc. The OPS has a restore button, allowing the operating system to be restored to a previous saved state. The OPS also has a lock hole. The OPS has built-in Wi-Fi 6.

Network speed can reach 1200Mbps. OPS is also equipped with 1000MB wired LAN card. OPS is installed TPM2.0, can install Windows 11.

### ***product features***

- ◆ Supports 12th Generation Intel® Core Processors Intel® Core i5, i7
- ◆ HDMI/DP display supports synchronous dual display. Asynchronous triple display
- ◆ Support TPM2.0
- ◆ BIOS supports booting without AMI 256Mbit drive, power on and scheduled boot
- ◆ Support HDMI 2.0 output + HDMI 2.0 JAE 80PIN output
- ◆ Supports single-channel DDR4 SO-DIMM memory and M.2 SSD storage
- ◆ Support JAE 80PIN connection interface



## SPECIFICATION

Standard parameters	Chip CPU	Intel® Core™ i5-1235U		
	RAM	8GB Ram DDR4		
	Storage	256GB SSD		
	GPU	Intel® Iris® Xe Graphics		
	Integrated graphics output	HDMI/DP supports synchronous and asynchronous dual display		
	Network	LAN	1* 8111H 10M/100M/1000M Ethernet	
		Wi-Fi	AX200 WIFI 6, 2.4GB+5GB, Bluetooth 5.2	
Audio	Cmedia USB Audio (HS100B)			
In/ Out port	Front interface	HDMI2.0 out*1, DP 1.4 out 8K*1, USB A 3.1*6, RJ45*1, AC Power*1, Restore*1, Line_out*1, Mic_in*1, USB 3.1 Type-C*1		
	Back interface	1*JAE 80PIN: HDMI out (4K 30Hz / 4K 60Hz)		
Power Source	Input	19V,4.7A		
Size	Product size (mm)	195*180*42/30		
	Packing size (mm)	282*258*77		
Weight	Net weight	≈1.2 Kg		
	Gross weight	≈1.4 Kg		
Temperature and humidity	Operating Temperature	0°C~45°C		
	Storage Temperature	-40°C~80°C		
	Operating Humidity	10% - 95% @40°C Non-condensing		
OS	OS support	Windows 11 Pro		
Other parameters	OPS is built-in and compatible with interactive screens, providing high synchronization capability, mounted inside the screen, turned on and off at the same time as the screen by remote or button on the screen, OPS receives synchronous signals from USB ports and LAN on the screen, simplifying usage and wiring installation.			
	Security integration			
	Integrated wifi 6 for fast internet connection speed			

Detail can be changed without prior notice