

Support WiFi and 4G

Plug-in independent display OPS host

Gigabit Ethernet port | Ultra-low power consumption |
Independent graphics card | HD display



A new upgrade worth owning

Very high configuration

Fast processing | High stability |
Good compatibility



4K Ultra Clear

Clear and lifelike vision



Discrete graphics card

Stronger and smoother performance



Aluminum shell

High temperature resistance

Temperature adaptation

Can be used normally at both
high and low temperatures



Rich interfaces

Can fit more devices



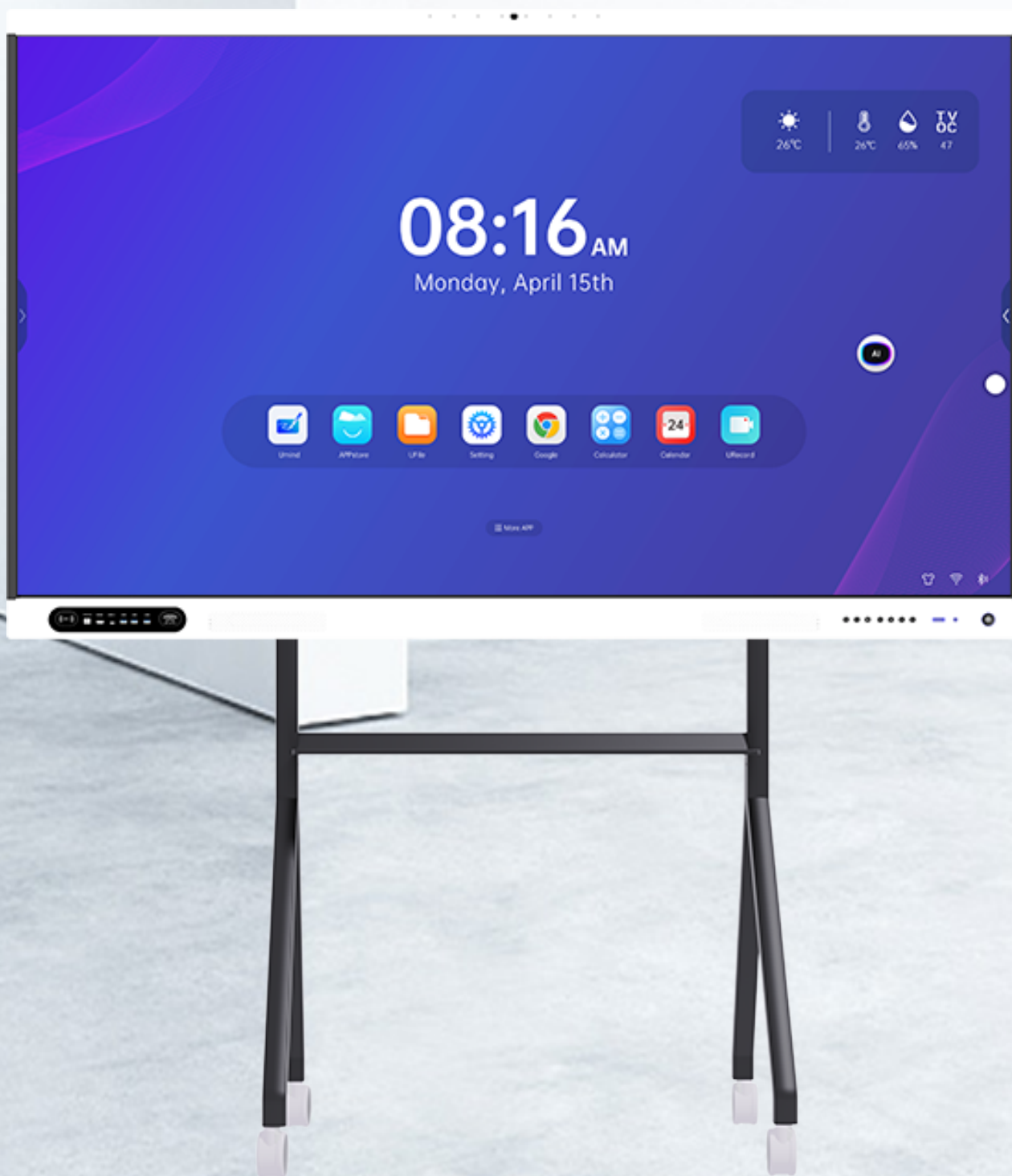
Rich interfaces and worry-free links

Applicable to all-in-one computers, nano blackboards, etc.



OPS pluggable host

With OPS interface function, configuration upgrade
Easily capable of multi-tasking module hardened hardware design



Applicable scene

Teaching/conference all-in-one machine dedicated to nano blackboard



Office business training

Product promotion,
project exhibition,
corporate training.



Medical field

Condition analysis,
remote conference.



Education field

Primary and secondary
education, training
education, online learning

Various Interfaces for More Possibility

Various interfaces equipped with HDMI 2.1, USB3.0 and wired network ports, easily expand various applying scenarios, to meet every office and entertainment needs

USBx6

USB Connections

HDMI

Connect computer / console / box

DP

Connected display

MIC

Microphone connection

LAN

Connection ethernet cable

VGA

Compatible old display screen

COM

Communication serial port



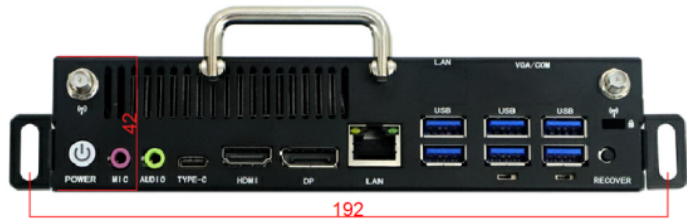
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Our OPS module perfectly matches the mainstream of interactive all-in-one panel on the market, this is the ideal choice for interactive whiteboard applications! With many years of production and sales experience in the industry, we can provide you with cost-effective portable OPS computers for a complete and appropriate solution.

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Parameter details

OPS- I7 13650HX



Product features

- * Powered by Intel Core Raptor Lake i5/i7/13th Gen mobile processors
- * Display HDMI/DP/Type-c support synchronous dual display
- * TPM2.0 is supported
- * BIOS supports AMI 256Mbit diskless boot, power-on, and timed boot
- * Support HDMI 2.0 output
- * Supports SO-DIMM DDR4 memory and M.2 SSD storage
- * Support JAE 80PIN connection interface

CPU	CPU	i7-13650HX 2.4GHz-4.9GHz , 14 cores 20 threads	
	Chipset	HM770	
	BIOS	UEFI BIOS	
RAM	DDR4	2 x SO-DIMM DDR4 2666/3200MHz Memory Max 64G	
Storage	M.2	2*M.2 2280 supports NVMe and SATA dual protocols	
	HDD	1* 2.5" SATA HDD/SDD	
Display	Graphics card	Intel® UHD Graphics for 13th Gen	
	Output	HDMI	I/O port HDMI output support 3840*2160@ 60Hz
		DP	I/O port DP output support 3840*2160@ 60Hz
		OPS-HDMI	80PIN Socket HDMI output support 3840*2160@ 60Hz
Audio	Audio	ACL 897 HD audio chip supports 1*line-out, 1*microphone input 80PIN supports LINE-OUT+MIC	
Internet	LAN	With 10/100/1000Mbps LAN Realtek Gigabit Ethernet	
	WIFI	1*M.2 2230 for Wifi+BT	
SIO	FAN	Support automatic fan adjustment	
Other	POWER	1 x Power button, 1 x Restore button	
USB	USB	6*USB3.0 1*Type-C	
Adapter	Input	DC 19V 4.74A	
Size	A	195 x 180 x 30 mm	
	B	195 x 180 x 42 mm	
Environment	Working temperature:0°C~ 45°C		
	Humidity 5%~95% non-condensing		