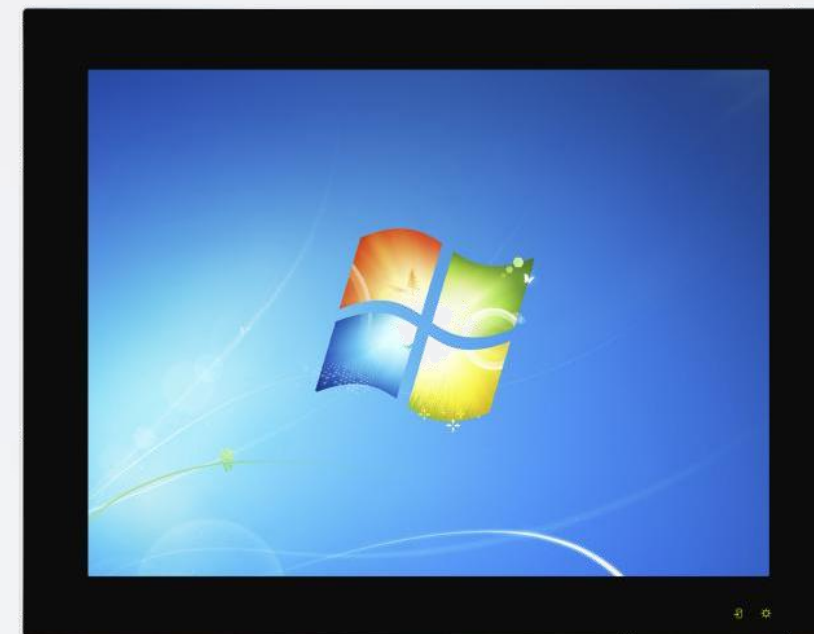
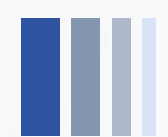


QY-P8190-DC

Products Features:

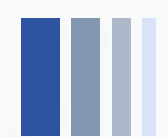
1. Industrial-Grade Embedded Fan Design Panel PC
2. 19 inch LED Screen, Resolution: 1280*1024
3. Support Capacitive and Resistive Touch Screen
4. Intel B365 / H670 Chipset
5. Intel Celeron / Pentium and Core 6/7/8/9/12/13/14th-i3 / i5 / i7 / i9 CPU
6. 2*RJ-45, 4*USB, 6*COM, 1*HDMI
7. 2*Expansion Slots, Support 4G/5G and WIFI module
8. DC 9-36V Power Input With Overvoltage Protection
9. -20°C~50°C Temperature Can Keep 24/7 Work Stably
10. 1*Multifunction Daughter card slot
11. Anti-Static, Anti-Pulse, Anti-Surge, Anti-Radiation





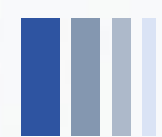
1. Mother Board Specification:

Model	QY-CFL-B365-8000	QY-ADL-H670-8000
Chipset	B365	H670
CPU	Celeron Pentium 6 / 7 / 8 / 9th-i3 / i5 / i7 / i9	Celeron Pentium 12 / 13 / 14th-i3 / i5 / i7 / i9 Desktop CPU
Memory	2*DDR III RAM Slots, Up to 64GB	2*DDR III RAM Slots, Up to 128GB
Storage	1*M.2 NVME SSD Slot	
Display	1*HDMI: Resolution up to 4096*2106@24Hz	
Expansion	1*Mini PCIE Slot, Support 4G and WIFI module	2*M.2 Slots, Support 4G/5G and WIFI module
Ethernet	2*Intel LAN Chip (10 / 100 / 1000 Mbps, RJ-45 Type)	
USB	4*USB 3.0 (Type-A)	
COM	2*RS-232 / 422 / 485 (DB9 type) 4*RS-232 (DB9 ype)	
Audio	1*Line-Out	
Daughter Card	Support expansion more I/O interfaces and functional slots	



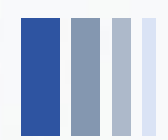
2.Screen Specification:

Screen Size	19 inch TFT LED Screen, 4:3 Size	
Resolution	1280*1024	
Brightness	350nits	
Contrast	800:1	
Largest Colorful	16M	
Touch Screen Type	Capacitive	Resistive
Transmittance	More than 95%	More than 95%
Touch Life	50 million times	35 million time
Response Time	< 5ms	< 5ms
Touch Hardness	7 Mohs	
Protection	Front Panel IP65 Water Proof	



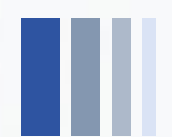
3.Device Specification:

Power Input	DC 9-36V with overvoltage protection
	Support Auto-Start
	2 Pin Phoenix Terminal type DC Plug
Structure	Fully Enclosed Aluminum Alloy Material
Heat Dissipation	Fan Design
Installation	Desktop / Embedded / Wall Mount Rack Mount optional
Size	435.5mm*360.5mm*68mm
System	Windows and Linux



4.Optional Specification:

Screen	Brightness	Optional 1000 nits LED screen
		Optional brightness auto adjustment function
	Anti-Glare	Optional
	Camera	Optional 200w or 500w camera (Built-in front panel)
	Full Lamination	Optional



5. Daughter Card Specification:

COM Port-2	2*RS-232 / 485 (DB9 type)
COM Port-6	4*RS-232 / 485+2*RS-232 (Phoenix terminal type)
Ethernet Port-2	2*Intel i211V LAN Chip (RJ-45 type)
Ethernet Port-4	4*Intel i211V LAN Chip, Support POE function (RJ-45 type)
10G Ethernet Port-2	2*10Gbps Ethernet Ports
USB Port-4	4*USB 3.0 (Type-A)
GPIO Port-14	14 ports GPIO, 7*GPI+7*GPO, 0-3.3V (Phoenix terminal type)
DIDO Port-16	16 ports DIDO, 8*DI+8*DO, 24V (Phoenix terminal type) Comes with 4*RS-485 COM ports (Phoenix terminal type)
Mini PCIE Slot-2	2*Mini PCIE slots, Support 4G and WIFI module
M.2 Slot-1	1*M.2 Key-B slot, Support 5G module
M.2 NVME SSD Slot-1	1*M.2 NVME SSD slot
SATA SSD Slot-1	1*SATA 3.0 SSD Slot, Support RAID 1
CAN Port-2	2*CAN interfaces (Phoenix terminal type)
UPS battery	1.2AH or 4.8AH



6-way COM



2.5-inch SSD



2-channel COM



14 GPIO channels



CAN+GPIO



DIDO



UPS power supply



4-channel USB



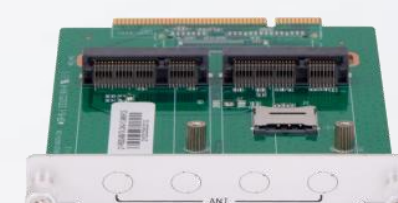
Dual Gigabit Ethernet ports



Four Gigabit Ethernet port



M.2 SSD



4G WIFI GPS



6.Ordering Information:

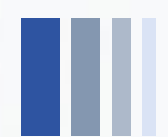
Model	CPU	LAN	USB	COM	RAM	Display	SSD	Expansion	Power
QY-P8190-DC	B365	2	4	2*RS-232/422/485 4*RS-232	2*DDR 4 Up to 64GB	1*HDMI	1*M.2 NVME	1*Mini PCIE	DC 9-36V
	H670				2*DDR 4 Up to 128GB			2*M.2	

7.System Information:

CPU	System
6th / 7th	Windows 7 / 10 and Linux
8th / 9th / 12th / 13th / 14th	Windows 10 / 11 and Linux

8.Fittings Information:

RAM	DDR 4	4GB / 8GB / 16GB / 32GB
SSD	M.2 NVME	128GB / 256GB / 512GB / 1TB / 2TB / 4TB
	SATA	120GB / 128GB / 240GB / 256GB / 480GB / 512GB / 960GB / 1TB / 2TB / 4TB
GSM Module	4G	4G+GPS
	5G	5G+GPS
WIFI Module	7260AC / AX210	
CAN BUS Module	2 ports CAN BUS interfaces	



9.Package List:

Adapter	1*12V 10A Adapter
Power Cable	1*Power Cable
Mount Clamp	4*Mount Clamp

10.Dimensions:

