SQUARE 18





Powerful 18.5? panel PC for industry, digital signage and PoS

The SQUARE 18 is a robust and versatile panel PC designed specifically for digital signage, industrial applications and point-of-sale systems. Equipped as standard with an Intel® Celeron 6305E processor, supported by up to 32 GB DDR4 RAM and up to 2 TB mass storage, the SQUARE 18 offers sufficient performance for demanding applications. The 18.5? multi-touch LCD display enables intuitive operation and, in combination with the IP65-certified housing, ensures reliable protection against dust and water - ideal for high-traffic retail environments or industrial installations.

Technische Daten

System

CPU	Intel® Celeron® 6305E (FCBGA1449, 2 cores)
GPU	Intel® UHD Graphics
RAM	16 GB SO-DDR4 (up to 32 GB)
SSD / HDD	512 GB M.2 NVMe SSD (up to 2 TB)

I/Os

Back	2 x DisplayPort 1.4 4 x USB 3.2 Gen 2×1 1 x Gigabit LAN 1 x 2.5 Gbps LAN 2 x COM RS232 / 422 / 485 1 x Power Button

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Environment / Mass

Dimensions (W x D x H)	286.3 mm x 465.2 mm x 67.5 mm
Ambient conditions (operation)	0°C to +50°C
Cooling	passive
Idle power consumption in W	21.5

Extensions

M.2	KeyM 2280 KeyB 2242/3042/2280 KeyE 2230
WiFi	Intel® Wireless-AC 3165

Display

Size (inch)	18.5
Resolution	1366 x 768 (WXGA) // 16:9
Viewing angle (L,R,H,L)	85° / 85° / 80° / 80°
Brightness (cd/m²)	300
Panel type / Backlight	TN / LED
More	10-point PCAP multi-touch

Miscellaneous

Operating system	Windows 10 / 11
PSU	12V / 5A
Standards & Certificates	CE, FCC, IP65 Waterproof and dustproof (front)
Class A warning	The device is intended for use in industrial environments. Operation of this device may cause radio interference in residential areas.
Warning for 802.11a use	If you want to use the WLAN module according to 802.11a in the 5 GHz range: Use in the 5150 MHz – 5350 MHz frequency range is only permitted indoors!

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