SQUARE 21

Powerful panel PC with 21.5? multi-touch for industry and PoS

The SQUARE 21 is a robust and versatile panel PC that is ideal for digital signage, industrial applications and point-of-sale systems. Equipped with either an Intel® Celeron® 6305E or Intel® Core® i3-1115G4E CPU, supported by up to 32 GB DDR4 RAM and up to 2 TB mass storage, it offers sufficient performance for demanding software solutions. The 21.5? multi-touch LCD display ensures intuitive operation, while the IP65-certified housing reliably protects the panel PC from water and dust - ideal for use in high-traffic sales areas or industrial environments.

Technische Daten

System

CPU	Intel® Celeron® 6305E(FCBGA1449, 2 cores) Intel® Core i3-1115G4E(FCBGA1449, 2 cores) (optional)
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

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)	21.5
Resolution	1920 x 1080 (Full HD) // 16:9
Viewing angle (L,R,H,L)	89° / 89° / 89° / 89°
Brightness (cd/m²)	250
Panel type / Backlight	VA / 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!