

SQUARE 18



Industrial Panel PC

The SQUARE 18 is equipped with an Intel® Celeron 6305E CPU as standard and is supported with up to 32GB DDR4 RAM and up to 2TB mass storage. The highlight is the 18.5" multi-touch LCD display and various connections. All of this makes our panel PC SQUARE 18 ready for use as a digital signage player, in industry, as well as at the PoS in retail.

Technical Data

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 2x1 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)	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!