

Fanless Digital Signage Player

The Shuttle SPCEL12/13 is the ultimate ultra-compact, fanless digital signage player—engineered to power vibrant triple-screen 4K displays around the clock. With Intel® Elkhart Lake performance, dual 2.5 GbE LAN, and flexible M.2 expansion for Wi-Fi, 4G/LTE or AI modules, it delivers reliable edge computing for retail, transport, smart city and industrial installations.



Key Features



Optimised for Digital Signage

Drive up to three 4K displays simultaneously via HDMI 2.0b and DisplayPort 1.4



Ultra-Compact & Fanless

0.45 L robust aluminium chassis ensures silent, low-maintenance operation.



Powerful Performance

Intel® Celeron® J6412 or Atom® x6413E with up to 32 GB DDR4-3200 memory.



Flexible Connectivity

Dual 2.5 GbE LAN, multiple USB ports, and M.2 slots for SSDs, Wi-Fi, 4G/LTE, or AI.



Applications

- ✓ **Retail & Quick Service Restaurants:** Dynamic menu boards, in-store advertising, interactive kiosks.
- ✓ **Transportation & Smart City:** Passenger information systems, outdoor wayfinding, traffic displays.
- ✓ **Hospitality & Corporate:** Hotel lobby signage, meeting room displays, digital schedulers.
- ✓ **Industrial & Manufacturing:** Production dashboards, machine status displays, SCADA edge computing.
- ✓ **Healthcare & Education:** Telehealth kiosks, hospital wayfinding, campus digital signage.

Contact Us



07 3868 4255

Specifications

Specification	Details
Processor	SPCEL12: Intel® Celeron® J6412; SPCEL13: Intel® Atom® x6413E
Memory	260 Pin SO-DIMM, DDR4 3200MHz Supports up to 32GB
Video Output	HDMI 2.0b (4096x2160@60Hz) x 2 DP 1.4 x 1
Audio	2 x Mic-in + Line Out
Ethernet	Intel I226-v (PCIe) LAN Controller Support Wake-On LAN Function
Storage	SSD M.2M-Key 2280/2242 With M.2 E-Key WLAN sku, only 2242 can support
Front Panel	USB 3.2 Gen2 (Type A) x 2 USB 2.0 type A x 1 RJ-45 (Intel 2.5G Lan) x 1
Back Panel	RJ-45 x 1 Micro SD Card x 1 SIM Card x 1
Dimensions	120 (L) x 75 (W) x 51 (H) mm
Power	12-20V DC In
Accessories	VESA Mount 100 x 100mm Ear Mount DIN Rail Mount 50 x 50mm
Expansion Slot	1 x M.2 2242/2280 M Key slot supports SATA Gen 1 1 x SO-DOMM Socket 1 x M.2 2230 E Key
OS Support	Windows 10/11 IoT Enterprise 64bit OS Linux
Net Weight	0.7 Kg
Operating Temperature	SPCEL12: 0 °C to +40 °C; SPCEL13: -20 °C to +60 °C
Relative Humidity	10%-90% RH (Non-Condensing)
EMC	CE, FCC, VCCI BSMI
Safety	CB, cTUVus, CEC, BSMI
WLAN	1 x M.2 2230 E key (Option) Intel WiFi Module (802.11 a/b/g/n/ac) + BT5.0 Realtek RTL8821CE (802.11 a/b/g/n/ac) + BT5.0 External Antenna (Dipole)

