



TWKI5S

Media Mini PC

- Material: Aluminum alloy
- Installation: Desktop type or mounted installation
- Structure: Full aluminum fanless cooling structure
- CPU : Intel Core i5 (12M Cache | up to 4.40 GHz)
- RAM: 8GB DDR4
- SSD: 240GB M2 2280 NVMe PCI-Express 3.0
- OS: Windows Linux
- Integrated: Software Change Content



Product Collection	Intel® with 12th Generation Intel® Core™ Processors
CPU	Intel® Core™ i5-Processor (12M Cache Up to 4.40 GHz)
Total Cores	12
Total Threads	16
Max Turbo	4.40Hz
OS Support	Windows 11 Home* Windows 11 Pro* Windows 10 Home* Windows 10 IoT Enterprise* Windows 10 Pro* Red Hat Linux* Ubuntu 20.04 LTS*
Max Memory Size	64GB 2*Channels 2*DIMMs
Memory Types	DDR4-3200 1.2V SODIMMs
Memory	DDR4 8G-3200
SSD	240GB M2 2280 NVMe PCI-Express 3.0
Power Supplies	12-20VDC – 35W
Integrated LAN	Intel® Ethernet Controller i225-LM
Wireless	Intel® Wi-Fi 6E AX211(Gig+)
Bluetooth	Yes
Board Form	UCFF (4"x4")
Parameter I/O	Number of SATA ports: 1 Serial port via Internal Header: No
Internal Drives Support	3
Additional Headers	Front panel (PWR RST 5V 5Vsby 3.3Vsby) Internal 2x2 power connector

External connection port	<p>Graphics output: 2x HDMI 2.1 TMDS Compatible 2x DP 1.4a via Type C</p> <p>Number of screens supported: 4</p> <p>Number of Thunderbolt ports: 2x Thunderbolt 4</p> <p>Number of USB ports: 4</p> <p>Front: 2x USB 3.2</p> <p>Rear: 2x USB 4 (type C) 1x USB 3.2 1x USB 2.0</p> <p>Internal: 1x USB 3.2 on m.2 22x42 (pins) 2x USB 2.0 (headers)</p> <p>Audio (rear channels + front channels): Front: 3.5 mm headphone/mic jack</p>
Integrated Software	<p>Function to change content from the central control room, set schedules and monitor device operations. Display content on the projector that automatically updates when there are changes.</p>
M.2 card slot (wireless/storage)	22x30 (E)/22x80 NVMe (M); 22x42 SATA (B)
PCI Express	<p>PCIe x4 Gen 4: M.2 22x80 (key M)</p> <p>PCIe x1 Gen 3 M.2 22x42 (key B)</p> <p>PCIe x1: M.2 22x30 (key E)</p>
ECC memory support	No
Intel® HD Audio Technology	Yes
Intel® Optane™ Memory Support	No
Intel® Virtualization Technology for Directed I/O (VT-d)	Yes
Intel® Virtualization Technology (VT-x)	Yes
Security & Reliability	<p>Intel vPro® Eligibility: Intel vPro® Enterprise/ TPM: Yes</p> <p>TPM Version: 2</p> <p>Intel® ME Firmware Version: 16</p> <p>Intel® AES New Instructions: Yes</p> <p>Intel® Trusted Execution Technology: Yes</p>

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