SAVANT

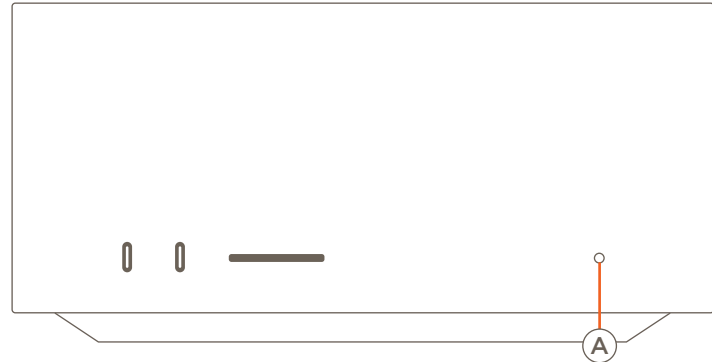## Savant® Mac Studio M2 Host (Max / Ultra) Quick Reference Guide

Box Contents

(1) Savant Mac Studio M2 Host (SVR-6300S / SVR-6800S)
(1) Power Cord)
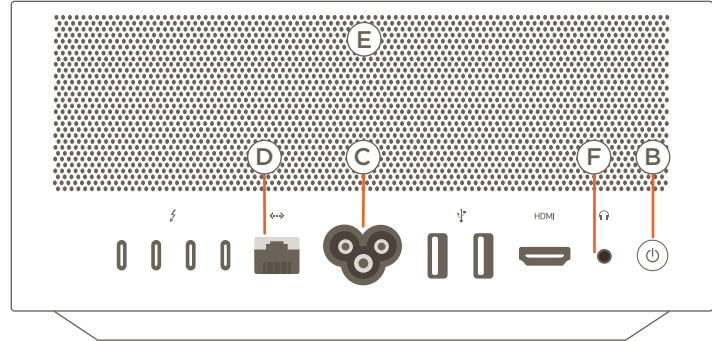(1) Quick Reference Guide (this document)

Specifications

Environmental	
Temperature	Operating: 50° to 95° F (10° to 35° C)
	Storage: -40° to 116° F (-40° to 47° C)
Humidity	5% to 90% Relative Humidity (non-condensing)
Cooling	15 cubic feet per minute (CFM) recommended
Noise	5 dBA at idle

Dimensions and Weights				
	Height	Width	Depth	Weight
Device	3.7 in (9.5 cm)	7.7 in (19.7 cm)	7.7 in (19.7 cm)	7.9 lbs (3.6kg)
Shipping	9.0 in (22.9 cm)	12.5 in (31.8 cm)	12.0 in (30.5 cm)	11.90 lbs (5.4 kg)
Rack Space	3U			

Power	
Input Power	100/240V AC (50/60 Hz, single phase)
Maximum Power	370W

Memory and Storage	
Memory	(Max) 32GB
	(Ultra) 64GB
Storage	(Max) 512GB
	(Ultra) 1TB

Regulatory			
Safety and Emissions	FCC Part 15	CE Mark	C-Tick
	FC	CE	(C-Tick logo)
RoHS	Compliant		

Supported Releases		
SVR-6300S-00	da Vinci 10.4	macOS 13.4
SVR-6800S	da Vinci 10.4	macOS 13.4

Note - Due to hardware compatibility requirements, Savant does not support downgrading the SVR-6300S / SVR-6800S to any previous runtime software version.

Hardware

Front Panel

Rear Panel

A	Power LED	Illuminates White when host is powered On.
B	Power Button	**Power On**: Press while powered Off. **Power Off**: Press and hold while powered On until power LED goes out.
C	Power Input	100-240V AC 50/60Hz.
D	Ethernet	10Gb (NBase-T with support for 1Gb, 2.5Gb, and 10Gb Ethernet using RJ-45 connector).
E	Cooling Vent	Output for cooling the internal processor DO NOT BLOCK
F	Audio Out	3.5 mm Analog audio output. 2-channel analog audio output

NOTES:

– See connected equipment Deployment Guide for connection usage details.
– Connections not identified in the diagram above are not functional within a Savant Configuration/Installation.

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Chassis Installation

⚠️ **CAUTION!**
Ventilation for the SVR-6300S/6800S is provided by air entering through the gap around the bottom cover and then exiting through the vent at the rear of the host. Ensure that when the SVR-6300S/6800S is placed there are no obstructions to the airflow around the bottom cover or rear of the host.

Rack Installation

The SVR-6300S/6800S can be rack mounted using 3U compliant rack mounting shelfs. An open shelf design provides proper ventilation and easy access to wiring.

Network Requirements

Savant requires the use of commercial grade network equipment throughout the network to ensure the reliability of communication between devices. Connect all Savant devices to the same local area network (LAN) or subnet as the host. Savant recommends not implementing any type of traffic or packet shaping in your network topology for the Savant devices as this may interfere with performance

⚠️ **IMPORTANT!**
Use of the Host Wi-Fi connection may result in control or connectivity issues.

Network Configuration

To ensure that the IP Address will not change due to a power outage, Savant recommends using DHCP reservation within the router. By using this method, static IP Addresses for all devices can be managed from a single UI, avoiding the need to access devices individually.

Setting DHCP reservation varies from router to router. Refer to the documentation for the router to configure DHCP reservation.

Network Changes

After connecting to a new network, changing routers, or if the IP Address range is changed in the current router, Savant recommends the following steps. This will reset any IP connection and ensure that the host is communicating with the network correctly.

Hot Plug the Ethernet (LAN) Connection

1. Disconnect the Ethernet (LAN) connection from the host.
2. Wait 15 seconds and then reconnect.

Precautions

⚡ **SURGE PROTECTION!**
Use a surge-protected circuit for all components and power supplies requiring 120-240V AC 50/60 Hz source power.

⚡ **ELECTRICAL DISCONNECT!**
The 120-240V AC 50/60 Hz source power outlet and input power sockets should be easily accessible in the event of an electrical hazard or malfunction condition.

Power Management Recommendations

Savant recommends a pure sine wave uninterruptible power supply (UPS) with the ability to shut down the SVR-6300S/6800S before the battery runs out of power. Never remove power from the SVR-6300S/6800S before shutting it down.

Additional Documentation

For additional information, refer to the following documents on the Savant Customer Community.

– Savant Pro Host - Deployment Guide - 009-1776-xx