

OPS-A

Quick Install Guide

TP-3272 OPS-A2

V01

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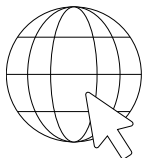
Quick Install Guide

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1



<https://support.prometheanworld.com>

2

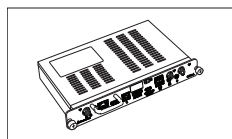
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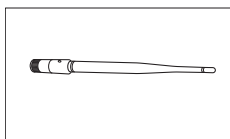


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x3

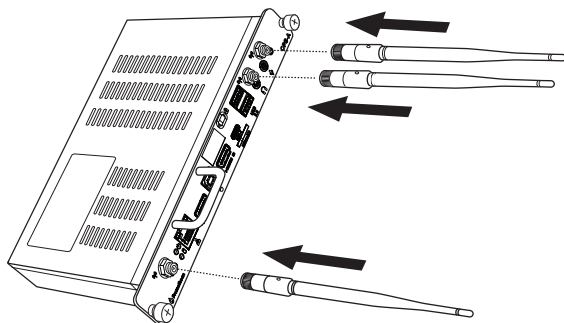


TP-3272

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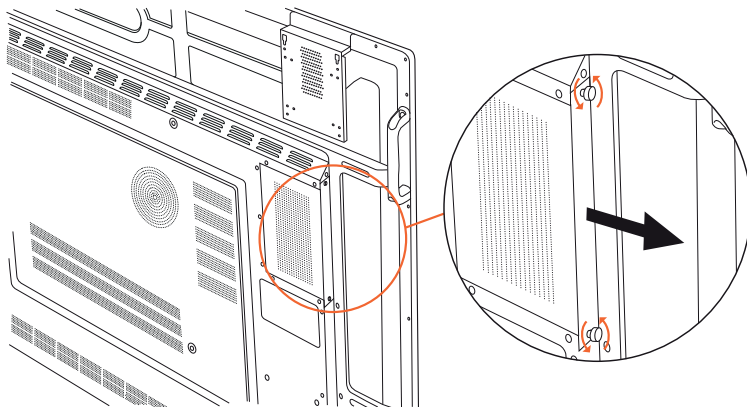


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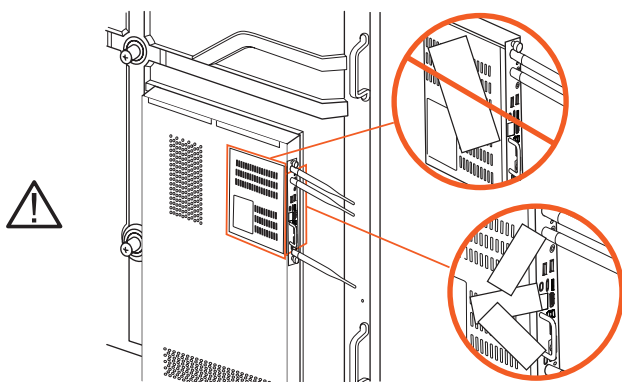
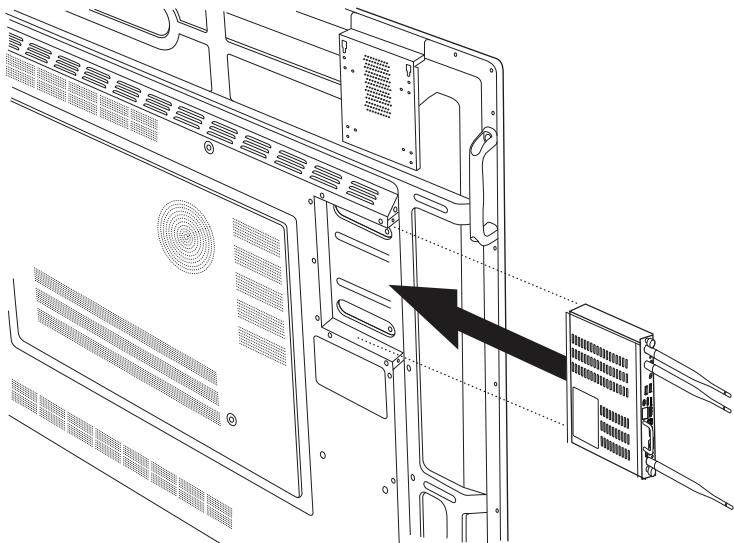


ActivPanel / ActivPanel LX

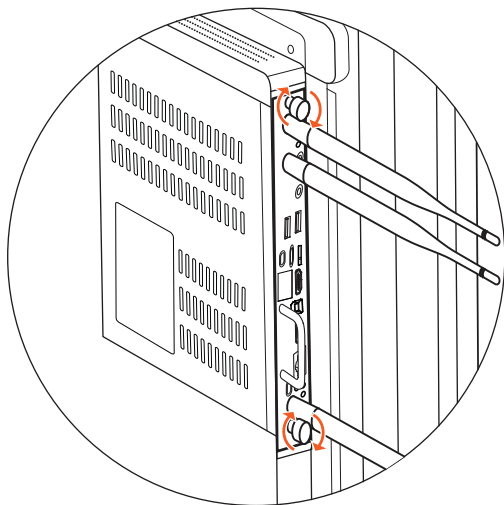
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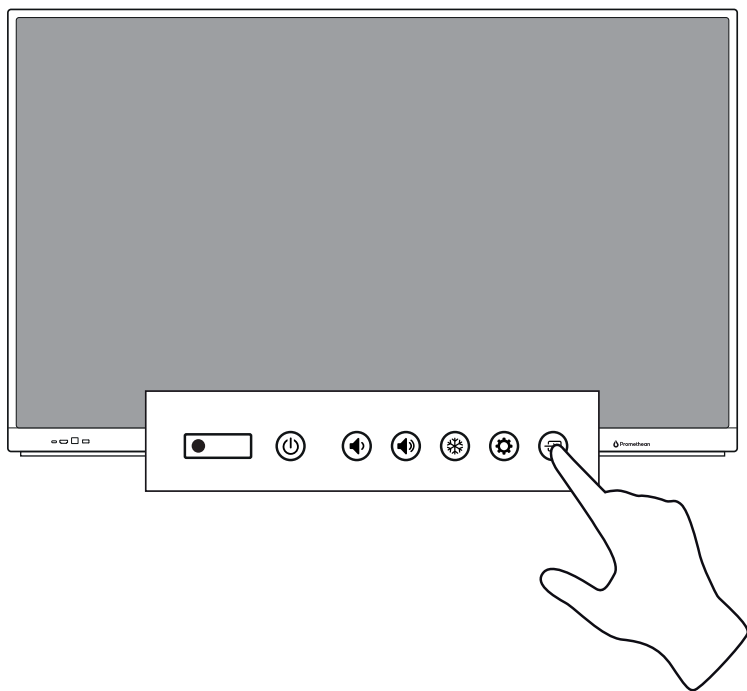
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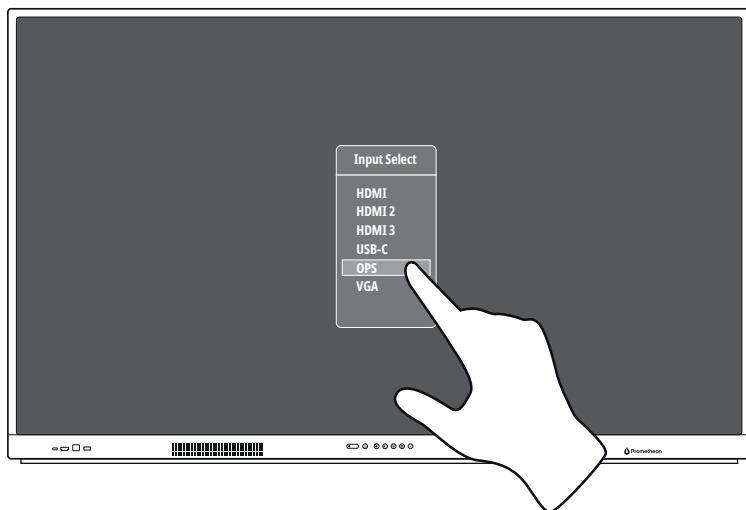


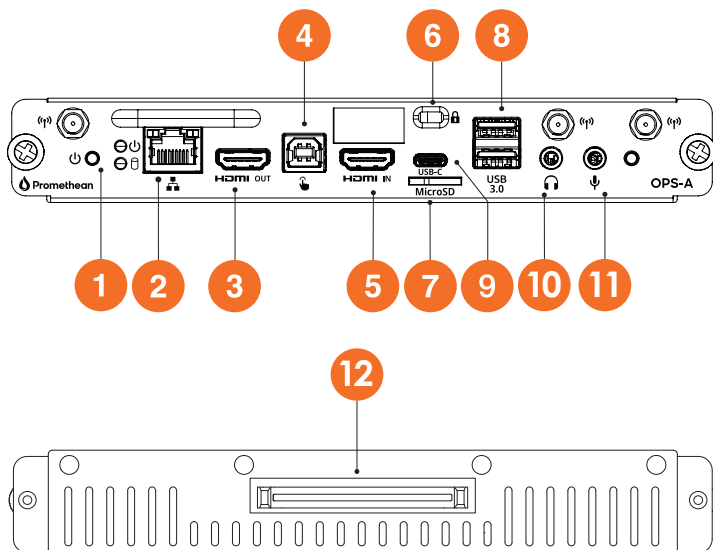
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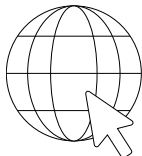








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<https://registration.prometheanworld.com>

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OPS-A2-8R64S
OPS-A2-16R64S

EN English

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Compliance

United States of America

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate

radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Europe

We Promethean Limited, declare under our Sole responsibility that the OPS-A2-8R64S, OPS-A2-16R64S conforms to the essential requirements of European Union Directives 2014/53/EU Radio Equipment Directive (RED), 2014/30/EU Electromagnetic Compatibility Directive, 2014/35/EU Low Voltage Directive and 2011/65/EU Restriction of Hazardous Substances in Electrical and Electronic Equipment. Full Declaration of Conformity can be found by searching for the model number at <https://support.prometheanworld.com>.



WARNING

OPS-A2-8R64S, OPS-A2-16R64S are a Class B Product. In a domestic environment, it may cause radio interference in which case the user may be required to take adequate measures.

United Kingdom

We, Promethean Limited declare under our sole responsibility that the OPS-A2-8R64S, OPS-A2-16R64S conforms to the essential UKCA requirements 2016 No:1091 Electromagnetic Compatibility regulations 2016, 2016 No:1101 Electrical Equipment Safety Regulation 2016, 2017 No:1206 The Radio Equipment Regulation 2017, and UK SI 2016 No:1091, RoHS Restriction of the use of certain Hazardous Substances in Electrical and Electronic Regulations 2012 – UK SI 2012 No:3032.



WARNING

OPS-A2-8R64S, OPS-A2-16R64S are a Class B Product. In a domestic environment, it may cause radio interference in which case the user may be required to take adequate measures.

Waste Electrical and Electronic Equipment (WEEE)

For more information concerning the correct disposal of these products, please contact your Promethean reseller.



United States of America

Model No: OPS-A2-8R64S, OPS-A2-16R64S are an open cell personal computer to be used with UL listed panels that have installations detailing user installation and card cage accessories.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a

residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference; and
2. This device must accept any interference received, including interference that may cause undesired operation.

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This device should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Model No	FCC-ID	Model No	FCC-ID
OPS-A2-8R64S	QAM-028	OPS-A2-16R64S	QAM-028

Canada

Canada – Industry Canada (IC)

Model No: OPS-A2-8R64S, OPS-A2-16R64S are an open cell personal computer to be used with CUL listed panels that have installations detailing user installation and card cage accessories.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. this device may not cause interference
2. this device must accept any interference, including interference that may cause undesired operation of this device.

Modèle no: OPS-A2-8R64S, OPS-A2-16R64S sont un ordinateur personnel portable ouvert pour être utilisé avec UL panneaux qui ont des instructions d'installation détaillant l'installation de l'utilisateur d'accessoires carte de cage.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. Ce dispositif ne peut causer d'interférences; et
2. Ce dispositif doit accepter toute interférence , y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

Model No	IC	Model No	IC
OPS-A2-8R64S	5459A-028	OPS-A2-16R64S	5459A-028

RF Radiation Exposure Statement Caution: This Transmitter must be installed to provide a separation distance of at least 20 c m from all persons.

Radiation Déclaration d'exposition Attention: Cet émetteur doit être installé pour fournir une distance de séparation d'au moins 20 c m de toute personne.

5.15 to 5.25 GHz band, UNII devices will be restricted to indoor operations to reduce any potential for harmful interference to cochannel Mobile Satellite System (MSS) operations.

RESTRICTIONS DANS LA BANDE DE 5 GHZ

Dans la bande de 5,15 à 5,25 GHz, les appareils UNII seront restreints aux opérations intérieures pour réduire toute possibilité d'interférence pouvant nuire aux opérations du Système satellite mobile dans le même canal (MSS). This radio transmitter [5459A-028] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Le présent émetteur radio [5459A-028] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés cidessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour tout type figurant sur la liste, sont trictement interdits pour l'exploitation de l'émetteur.

Antenna info
Antenna type: External antenna
Manufacturer: Shenzhen Keesun Technology Co., Ltd.
Model name: EX20063
Antenna gain: 2.4G, 2.66 dBi. 5G, 1.65dBi. Feed line should be designed in 50ohm
Connector type: RP-SMA (SMA Straight Plug Reverse for RG-178)

Informations sur l'antenne
Type d'antenne: Antenne externe
Fabricant: Shenzhen Keesun Technology Co., Ltd.
Nom du modèle: EX20063
Gain d'antenne: 2.4G 2.66 dBi 5G 1.65dBi
La ligne d'alimentation devrait être conçue en 50ohm
Type de connecteur: RP-SMA (SMA bouchon droit inverse pour RG-178)

The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
The maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate;
le gain maximal d'antenne permis pour les dispositifs utilisant les bandes de 5 250 à 5 350 MHz et de 5 470 à 5 725 MHz doit être conforme à la limite de la p.i.r.e;
le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5 725 à 5 850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée, selon le cas;

Europe



OPS-A2-8R64S

Type	Frequency	Max power (dBm)							
BT	2402~2480 MHz	4.84							
Wi-Fi	2.400~2.4835 GHz	19.48	AT	BE	BG	CZ	DK	EE	FR
Wi-Fi	5.15~5.25 GHz	19.43	DE	IS	IE	IT	EL	ES	CY
	5.25~5.35 GHz		LV	LI	LT	LU	HU	MT	NL
	5.47~5.725 GHz		NO	PL	PT	RO	SI	SK	TR
	5.725~5.825 GHz		FI	SE	CH	UK(NI)	HR		

United Kingdom



OPS-A2-8R64S

Type	Frequency	Max power (dBm)						
BT	2402~2480 MHz	4.84						
Wi-Fi	2.400~2.4835 GHz	19.48						
Wi-Fi	5.15~5.25 GHz	19.43	UK					
	5.25~5.35 GHz							
	5.47~5.725 GHz							
	5.725~5.825 GHz							

OPS-A2-8R64S is for internal use only.



This device complies with RF specifications when the device is used at 20 cm from your body.