Blue Line Dual Display Portable Server DDPS-3000



Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com

Blue Line Dual Display Portable Server DDPS-3000







Highlights

Blue Line Dual Display Portable Server DDPS-3000 is a new Dual Display Portable GPU Server, that demonstrates outstanding performance and functionality for rugged and mobile applications within Military, Naval, and Air Defense. The server system is designed as a Dual 23.8” FHD TFT-LCD Multifunction Naval Console, providing a sophisticated, graphically oriented HMI for any naval or marine application. The system can simultaneously display HMI graphics and text from multiple software applications, as well as display images from several video sensors and overlay high-resolution graphics and symbology over the video images.

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com

Blue Line Dual Display Portable Server DDPS-3000

In addition, the system allows the human user to interact with the application using a combination of QWERTY keyboard, mini touch-entry color TFT-LCD display, handgrip, rollerball, fast function keys, programmable soft-keys, and on-screen menus.

Reduce cost and time spending with our global partner model based on your specific requirements. Let Blue Line take responsibility for delivery on time. Blue Line's ultimate goal is to help our customers get peace of mind by handling all relevant details such as securing the right configuration, software setup, mounting, packaging, labeling, etc. Ask for references from your industry.

• Military AI Dual Display Portable GPU Server

• IP65 certified flight case during transportation

• MIL-STD-461G/810H certified

• Intel Ice Lake 3rd Gen. Xeon Scalable CPU

• Supports Windows 10 / Linux

• Option for UHD 3840 x 2160

• Supports NVIDIA Quadro RTXA4000 GPU (6,144 CUDA)

• Wide temp -40°C to 55°C

• QWERTY keyboard. Various language layouts available.

• Build-to-order configured to your requirements

Specifications

Model Type

Military AI Dual Display Portable GPU Server

Form Factor

Portable Dual Display GPU Server

Construction

Aluminium

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com

Blue Line Dual Display Portable Server DDPS-3000

Cooling

Fanless with Conduction Cooled Heat sink

For high GPU and CPU TDP, Heat sink Aluminum Alloy with external Smart Fan is required

Ingress Protection

Model 1	IP65*
Model 2	No IP rating

Environment

Operating temperature	-20°C to +60°C
Storage temperature	-40°C to +85°C
Humidity	5% to 95%, non-condensing

Certification

CE and FCC

MIL-STD-810G thermal, shock, vibration, humidity, EMI, EMC resistance

Option for MIL-STD -461 18V to 36V DC-Input

Display

Dual 23.8"	1920 x 1080, 16:9, FHD (option for 3840 x 2160, 16:9, UHD)	TFT-LCD , LCM

Brightness

250 nits

Option for 1000 nits

Processor

Intel 2nd / 3rd Gen. Xeon scalable CPU

Support single socket LGA-4189

Chipset

Intel C621 Chipset

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com

Blue Line Dual Display Portable Server DDPS-3000

ASPEED AST2500 BMC Graphics Chipset

RAM

6 DIMM slots

Up to 1.5TB 3DS ECC LRDIMM, DDR4 2933MHz; Up to 1.5TB 3DS ECC RDIMM

Storage

2 x SATA3 SSD (6Gbps) ports

Input / Output

Model 1	X1 1 x VGA , with D38999 connector
	X2 2 x Giga LAN, with D38999 connector
	X3 2 x COM, with D38999 connector
	X4 2 x USB2.0, with D38999 connector
	X5 1 x USB3.0, with D38999 connector
	X6 1 x Power Input , with D38999 connector
Model 2	1 x VGA Port
	2 x 1GbE RJ-45 LAN Port
	1 x IPMI RJ-45 Port
	2 x USB3.0 Type A Port
	2 x USB2.0 Type A Port
	1 x COM DB9 Port
	1 x Power Input AC-in

Expansion

Expansion Slot (PCI-E)	2 PCI-E 3.0 x16, 1 PCI-E 3.0 x8
Expansion Slot (M.2)	M.2 Interface: PCI-E 3.0 x4 Form Factor: 2280, 2242 Key: M-Key

Keyboard

QWERTY keyboard	Various language layouts available
	105 keys with touchpad

Management Software

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com

Blue Line Dual Display Portable Server DDPS-3000

BIOS	AMI UEFI, ACPI 6.0 RTC (Real Time Clock) Wakeup

Operating System

Windows 10 / 11
Windows 10 IoT Enterprise
Linux

Power Supply

AC 100V to 240V Input

Power Consumption

TBD

Dimension and Weight

Dimension	H 414 x W 624 x D 268mm
Active cooled weight	15kg
Conduction cooled weight	20kg

Accessories Optional

GPU Option	NVIDIA RTX A4000 Ampere GPU architecture 6,144 CUDA Cores, 16GB GDDR6 Memory with ECC Max. Power Consumption: 140W NVIDIA RTX A2000 Ampere GPU architecture 3,328 CUDA Cores, 6GB /12GB GDDR6 Memory with ECC Max. Power Consumption: 70W NVIDIA T1000 8GB GDDR6, 4x mDP, Power Consumption: 50W

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

TBD

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com