




80' (24.38m) 2021 Nordhavn N80
Fort Lauderdale Florida United States



OVERVIEW

\$6,700,000

Manufacturer: *Nordhavn*

Engines:	2 John Deere	Hull Material:	GRP
Engine Model:	6090SFM85	Cruise Speed:	Knots
Engine HP:	375	Max Speed:	12 Knots
Beam:		Cabins/Heads:	3 /
Max Draft:	6' 9"	Fuel Type:	Diesel
Water:	675 G (2555.15 L)	Fuel:	4670 G (17677.86 L)



Data Sheet

Category: Expedition Yacht
Condition: Used
Model Year: 2021
Documented Year: 2021
Max Draft: 6' 9" (2.06m)
LOA: 80' 8" (24.59m)
LWL: 73' 1" (22.28m)
Cabins: 3
Sleeps: 6
Double Berths: 1
Queen Berths: 1
King Berths: 1
Full Beam Master: Yes
On Deck Master: Yes

Crew Cabins: 1
Crew Sleeps: 2
Elevator: Yes
Maximum Speed: 12 Knots
Knots
Fuel Type: Diesel
Super Structure Material: GRP
Hull Material: GRP
Hull Shape: Displacement
Hull Finish: Arocoat - Yellow
Special Offer: Yes
Air Conditioning: Yes

Displacement: 127.44 tonnes
Stabilizers: Standard
Stabilizer Brand: ABT TRAC
Bow Thruster: Yes
Stern Thruster: Yes
Fuel Tank: 4670 gal (17677.86 liters)
Fresh Water: 675 gal (2555.15 liters)
Holding Tank: 480 gal (1817 liters)
Imported: No
Builder: Nordhavn
Designer: Jeff Leishman
Interior Designer: Nordhavn
Exterior Color: Yellow & Beige
HIN/IMO: WHY123456788

Engines/Generators

Engine 1

John Deere
6090SFM85
Inboard
375HP
279.64KW
Fuel: Diesel
Hours: 910
Hours Date: 03-01-2024
Year: 2021
Location: Port

Engine 2

John Deere
6090SFM85
Inboard
375HP
279.64KW
Fuel: Diesel
Hours: 823
Hours Date: 03-01-2024
Year: 2021
Location: Starboard

Generator 1

Northern Lights
38KW
Hours: 1998
Hours Date: 03/01/2024

Generator 2

Northern Lights
25KW
Hours: 1508
Hours Date: 03/01/2024

Summary/Description

This Nordhavn 80 is a sleek, modern yacht that checks all the boxes for the yachtsman who wants a larger yacht without the need for a lot of crew. With three staterooms plus space designated for up to two crew, and an abundance of large, entertaining areas indoors and out, she is Nordhavn's answer to

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Detailed Specifications

MAIN CHARACTERISTICS

NORDHAVN N80

Type: Expedition Motor Yacht

Builder: Nordhavn

Year: 2021

Hull No: Hull # 1 of N80 Model

Yacht Model: Nordhavn 80 (N80)

Construction Project Name: Nordhavn 8011

LOA (M/FT): 24.58M 80'8"

LWL (M/FT) 22.27M 73'1"

Beam overall (M/FT): 7.11M 23'4"

Draft (M/FT): 2.02M 6'9"

Displacement (Fully Loaded): 280,358 LBS / 127.44MT

Hull Material: GRP

Hull Configuration: Full displacement

Superstructure: GRP

Decks: 3 above waterline - Teak & Non-skid

Flag: Cayman Islands

Classification: Private

Naval Architect: Jeff Leishman

Exterior Designer: Jeff Leishman & Nordhavn

Interior Designer: Nordhavn

Main Engines: 2 x John Deere 375HP Diesel

Max Speed: 12 kn

Guest Accommodations: 6 guests in 3 staterooms

Crew Accommodations: 2 crew in 1 cabin

COMMENTS AND NOTEWORTHY FEATURES AT A GLANCE

- “ Nominated for two prizes in The International Yacht & Aviation Awards 2023
- “ Designed as an owner-operator, ocean-crossing cruising yacht
- “ Features of a much larger vessel while maintaining ease of handling with minimal or no crew
- “ Includes a "vacuum" type elevator that works even in rough sea conditions
- “ Opportunity to own an N80 without the 5-7 year wait time
- “ On-deck Master stateroom
- “ An abundance of exterior space for entertaining and toy storage

CONSTRUCTION

Hull Material: GRP - Fiberglass

Ballast: Approx. 34,000 lbs./15,422 kg lead fixed

Superstructure Material: GRP - Fiberglass

Decks Material: Teak and non-skid

Paint: Hull: Arocoat #371 Yellow

Non-skid: Arocoat #310 Beige

House & Deck: Ferro 'Super-Shield' White

Black bootstripe and bottom paint

Motor Hull Type: Monohull w/ bulbous bow

Motor Hull Sub Type: Expedition

Number of Decks: 3 above waterline

CAPACITIES

Fuel Capacity: 17,677 Litres 4,670 Gallons

Fresh Water Capacity: 2,555 Litres 675 Gallons

Grey Water: 908 Litres 240 Gallons

Black Water: 908 Litres 240 Gallons

MACHINERY & ENGINE ROOM

Engines

- Twin John Deere 6090SFM85 Twin Engines, 375 hp @ 2200 rpm, M2 rated | Hours: Port-910; Stbd-823 (recorded March 2024)
- Heat exchanged wet exhaust & 24-volt isolated ground electrical system and starting
- USA EPA tier 3 rating
- ZF W325 deep case gear box, 4.409:1 ratio 24v electric shift
- 190-amp alternator for house batteries (one on each engine with external regulators)
- ZF Clear Command engine controls with polished stainless-steel finish six (6) stations: wheelhouse, flybridge and aft deck, port and starboard Portuguese bridge and engine room

Build Upgrades

- Added back-up hydraulic cooling pump
- Back up raw water pump in with Y valves for air conditioning system

- Digital stabilization at rest option for stabilizers, STAR by TRAC. This includes an electric power pack to power the system
- 4 New and used oil tanks with supply hose reel and nozzle
- Air conditioning in lazarette
- Helves added in place of optional Atlas in Laz
- Added two chain counters for both anchor winches – counter in pilot house, flybridge, and aft control station
- Auto-start on small gen set with matching panel for second gen set
- Dometic diesel fired heating system installed
- SpotZero water softening system plumbed into one tank
- Additional wash down spogot at skylounge deck
- 1200 GPD Dometic Sea Xchange watermaker

Generator #1

- Northern Lights generator 38kW 120/240 volt AC 60 Hz/1 phase | Hours: 1,998 (Recorded March 2024)
- Double vibration mounted generator from Northern lights
- Gen set vibration mounts to sound shield pan and vibration mounts between sound shield pan to ER floor

Generator #2

- Generator Northern Lights model 25kW 120/240 volt AC 60 Hz/1 phase | Hours: 1,508 (Recorded March 2024)
- Double vibration mounted generator from Northern lights
- Gen set vibration mounts to sound shield pan and vibration mounts between sound shield pan to ER floor

ABT Hydraulic System

- 50hp bow thruster using 16"/40.64 cm with proportional controls at five (5) stations
- 38hp stern thruster using 12"/30.48 cm tunnels with proportional controls at five (5) stations
- Hydraulically powered anchor wash pump – 180 gallons/681 L per minute
- Hydraulically powered 180 gals./681 L-per-minute emergency bilge pump with manifold system and plumbing to four (4) bilge areas – lazarette/crew quarters/engine room/guest room area
- TRAC #370 digital stabilizer system with 29 sq. ft./2.69 sq. m fins and dual station control. Stainless steel kelp blocking plates forward of fins tied to bonding system. System is without winglet assembly.

- Two (2) Maxwell VWC 4500 hydraulic windlasses with dual station controls, band brake and 1/2" HT/1.27 cm chain gypsy

Air Conditioning System

- Cruisair tempered water system (chilled water), 144k btu
- Modular tempered unit: three (3) VARC27

Steering

- Jastram hydraulic steering system
- Tubing O.D. stainless steel type 304; Gates G2 hose as needed; seamless copper tubing used for auto fill lines rated to 30 psi

Fuel Tanks

- Number and capacity: four (4) main tanks totaling 4,348 gals./16,458 L with one tall centerline FRP "day tank" at 325 gals./1,230 L which will gravity feed from main wing tanks
- FRP construction from male molds using vinylester resin to comply with all ABYC codes for diesel fuel tanks. Tanks coated with fire retardant gelcoat on outside to comply with ABYC section H-33.20 for fire resistance per PAE's design.
- Supply lines from tanks to day tank are 1-1/2"/3.8 cm I.D. with Aeroquip brand fuel hose and swaged brass fittings

Bilge Pumps

- Electric: six (6) Bosworth Guzzler; one (1) in each watertight compartment: lazarette/crew quarters/engine room/guest room area, each with Ultra Switch
- Manual: one (1) Edson model; 30 GPM (113 LPM) in engine room bilge only
- Hydraulic drive emergency pump: one (1) "Pacer" 100 gals. /378 L-per-minute plumbed to four (4) watertight compartments. Manifold for emergency pump to is in an easily accessible location with check valve on suction side.

Gray Water System

- One (1) FRP 240 gal./908 L tank
- All sinks, showers, and air conditioning condensate to drain to tank
- All drains have "P" traps and sloped downhill run to tank

- Tank equipped with electric and manual discharge pumps, level switch for pump starting, and level monitor system

ELECTRICAL SYSTEM

Upgraded 60HZ Electrical System

AC System

- Two (2) Victron Quattro 8.0 kW 24-volt inverter/chargers with remote control panel; electrical panel is fitted with an inverter bypass switch in the event of failure
- Two (2) Glendinning shore power cord retrieval systems are provided. One each for the 240-volt house shore power and air conditioning shore power. Each system to be provided with 100'/30.48 m of shore power cable.

DC System

- 24-volt DC house battery bank, consists of twelve (12) 8D, 12-volt AGM batteries @ 255 Ah each
- Six groups of two (2) batteries each are connected in parallel
- The two groups are connected in series to provide a total battery bank rating of 1500 amp/hr at 24 volt
- Main engine starting - two (2) 4D AGM batteries connected in series for 24 volt starting. Switching logic to parallel with 24-volt house banks (2) for emergency starting.

Lighting (upgraded)

- All overhead lights LED
- Add rope lighting to the three sides of base of master and two guest room bunks
- Additional rope lighting under pilothouse console and cockpit settee
- Added dimmers to all staterooms and head overhead lights

INTERIOR

- Nordhavn 9612 model joiner style with cherry and wall coverings as specified

- Bulkheads covered in cherry and wall covering material
- Furniture pieces such as the nightstands, bunks, settee, mirror frames are made in cherry unless otherwise specified
- Flat surfaces done in Toseva NA-15 unless otherwise specified
- Wall covering – above the chair rail, selection chosen from Koroseal catalogs
- Cushions covered with owner's choice of Ultraleather
- Upgrade: Majilite "Destiny II Snow" interior overhead panels, (upgraded feature) removable and held in place by Fastmount system per PAE RCP, plus upgraded overhead custom wood strips
- Mobella "McCoy Star Square" interior door lock sets with privacy locks
- Hanging lockers with automatic interior lights controlled by micro switch, lined with cedarwood
- Interior woodwork including cabin sole in pilothouse and forward salon area varnished with 50% satin varnish
- All drawers have BLUM "Tandem" concealed self-closing drawer slides
- Orcas magnetic door catches on all interior doors
- White Formica interior lockers in the galley, heads, laundry room and pilothouse dash area
- Cherry veneer interior lockers in the salon, staterooms and the pilothouse settee and desk area
- All locker doors have BLUM self-closing hinges or equivalent.

Galley

- Sub-Zero refrigerator
- Sub-Zero freezer
- Floors: buyer's choice lightweight stone from the standard budgeted selection available in China
- Sharp model (drawer type) microwave
- Miele 30"/76 cm convection oven
- Miele 30"/76 cm 4-burner electric Induction cooktop stove
- Miele 30"/76 cm vent built under hood
- GE Profile 15"/38 cm stainless steel trash compactor
- Miele stainless steel dishwasher
- Insinkerator garbage disposal
- Miele coffee system with hard plumbing and warming drawer
- Pantry with slide out shelves using Blum hardware

- Dinette table with bench seats and light weight stone and stainless-steel pedestal

Pilothouse

- Interior wood selection: cherry cabinetry and wall covering as specified
- Formica #939 dark gray counter tops and instrument panel faces
- Two (2) Stidd Low Back "Slimline" helm seats; vinyl and pedestal powder coat color are buyer's choice
- Weems and Plath inverted compass mounted on a teak block
- Pilothouse console wrapped with black leather

Other Build Upgrades

- Elevator from salon to skylounge per drawing
- Phantom screens at all (6) entry doors except crew
- 6" wood floor border at salon, skylounge and dining
- Hi-low divider between salon and dining area with custom blossom inlay pattern

EXTERIOR, DECK HARDWARE AND EQUIPMENT

- Carlisle & Finch 200-watt spotlight with dual station remote controls, mounted on flybridge hardtop
- fritted frameless glass windows with 1/2"/1.27 cm thick laminated tempered glass
- Tinted glass side windows. All pilothouse and salon windows are recessed at 1"/2.5 cm
- Clear, non-tinted glass forward facing pilothouse windows
- Exterior Weather Tight Doors
- Wheelhouse – two (2) weather tight Dutch doors, one (1) L.H. mortise hinge, one (1) R.H. mortise hinge
- Salon aft – one (1) weather tight single sliding by Aritex
- Salon port and starboard side – (2) weather tight Dutch doors, R.H. mortise hinge
- Engine room (aluminum PCM door) – (1) watertight with sound blanket core, painted. R.H. surface mount hinge
- Lazarette (aluminum PCM door) – (1) with port hole, watertight model with sound blanket core, painted. R.H. surface mount hinge
- Crew quarters access – one (1) weather tight Dutch door, R.H. mortise hinge

- Sky lounge has double sliding weather tight with full height; windows at outboard sides by Aritex

Davits

- Two (2) Steelhead 1500 lb./682 kg capacity hydraulic/24VDC with extendable boom to 12 feet/ 3.66 m
- One (1) mounted on foredeck and one (1) mounted on aft upper deck
- Upper aft deck davit to be pyramid base - no standpipe
- Davits sized and positioned to launch dinghies from port side only

Flybridge

- FRP hardtop finished with smooth gelcoat, with white painted on non-skid
- Two (2) Stidd "Slimline" white vinyl helm chairs
- FRP settees port and starboard with Sunbrella covered cushions and teak tables with white Surrall tops
- FRP console aft starboard side with refrigerator drawers, sink and storage
- Indel Webasto single drawer refrigerator with FRP door
- Stainless steel handrails along the back of settees and around forward consoles

Additional Exterior Equipment

- Stern Capstan Winches: (2) Maxwell VC 2500 24V port and starboard with stainless steel bollards on raised FRP pads
- Two (2) 300 lb./136 kg stainless steel plow anchors
- 800 ft./ 243.8 m of 1/2"/1.27 cm HT chain in two (2) 400 ft./121.9 cm lengths from port and starboard chain lockers
- Marquipt dinghy ladder

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